TOWN OF ANDOVER, MASS.

1904

ANNUAL REPORT OF

TOWN OFFICERS, Including
Report of
BOARD OF PUBLIC WORKS

TOWN OF ANDOVER

ANNUAL REPORT

OF THE

Receipts and Expenditures

FOR THE FISCAL YEAR

ENDING JANUARY 12, 1904

ANDOVER, MASS.
THE ANDOVER PRESS
1904

CONTENTS

Abatement of Taxes, 59
Almshouse, 78
Farm Account, 79
Personal Property at, 78
Relief out of, 73
Remaining in, 78
Repairs on, 73
Appropriations, 1903, 14
Assessors' Report, 89
Assets, 91
Auditors' Certificate, 100
Board of Public Works, Appendix
Bonds, Redemption of, 63
Cemetery Com., Report of, 84
Chief Engineer's Report, 80
Chief of Police, Report, 82
Cities and Towns, 75
Collector's Account, 90
Commonwealth, 76
Cornell Fund, 114
County Tax, 60
Dump, Care of, 53
Dep't Recommendations, 118
Dog Tax, 60
Earnings, Town Horses, 47
Fire Alarm, 51
Fire Department, 51
Hay Scales, 56
Highways and Bridges, 35
Highways, Loans, 60
Highway Surveyor, 45
Horses and Drivers, 41
Insurance, 62
Interest on Notes and Funds, 61
Liabilities, 91
Librarian's Report, 111
List of Jurors, 100
Lunatic Hospitals, 76
Macadam, 38
Memorial Day, 55
Memorial Hall Trustees' Report, 106
Military Aid, 64
Miscellaneous, 65
Notes given, 62
Notes paid, 62
Overseers of Poor, 71
Park Commission, 53
Park Commissioners' Report, 87
Park Loan, 59
P. H. Phillips Chapter, D. R. 60
Phillips Academy, Taxes, 61
Police, 49
Printing and Stationery, 54
Punchard Free School, Report of Trustees, 115
Punchard High School, 31
Schedule of Town Property, 68
School-houses, 29
Schools, 25
School Books and Supplies, 32
Selectmen's Account, 25
Sidewalks, 40
Sinking Funds, 59
Small Pox Loan, 60
Snow, Removal of, 42
Soldier's Relief, 75
Spring Grove Cemetery, 55
State Aid, 63
State Highway, 56
State Tax, 59
Street Bounds, 104
Street, Pine, 60
Signs 61
Street Lighting, 54
Town House, 50
Loan, 59
Town Meeting, 5
Town Officers, 48
Town Warrant, 121
Treasurer's Account, 91
Tree Warden, 56
Report, 88

TOWN OFFICERS, 1903

B. FRANK SMITH,	Term expires March,	1904
SAMUEL H. BOUTWELL, Secretary,	" "	1904
SAMUEL H. BAILEY, " "	" "	1904

Town Clerk and Tax Collector.

ABRAHAM MARLAND.

Town Treasurer.

GEORGE A. PARKER.

School Committee.

JOHN ALDEN, Chairman,	Term expires	1905
THOMAS DAVID,	" "	1905
COLVER J. STONE,	" "	1905
Mrs. LIZZIE A. WILSON,	" "	1904
Mrs. ELLA S. MORRILL,	" "	1904
WILLIAM A. TROW,	" "	1904
CHARLES W. CLARK,	" "	1906
CHARLES H. SHEARER,	" "	1906
GEORGE T. EATON	" "	1906

Superintendent of Schools.

CORWIN F. PALMER.

Board of Public Works.

JOHN L. SMITH, Chairman,	Term expires March,	1906
JOHN W. BELL,	" " "	1904
LEWIS T. HARDY,	" " "	1904
FELIX G. HAYNES,	" " "	1905
JAMES C. SAWYER,	" " "	1905

Superintendent of Public Works.

JOHN E. SMITH.

Engineers of Fire Department.

LEWIS T. HARDY, Chief, GEORGE D. LAWSON, Clerk
ALLEN SIMPSON.

Park Commissioners.

JOHN N. COLE,	Term expires March, 1904
T. FRANK PRATT,	" " " 1906
CHARLES L. CARTER, Chairman,	" " " 1905

Highway Surveyor.

JOSEPH T. LOVEJOY,	Term expires 1904

Board of Health.

CHARLES E. ABBOTT, M. D., Chairman,	Term expires 1904
J. A. LEITCH, M. D.,	" " 1906
HOWELL F. WILSON,	" " 1905

Chief of Police.

WILLIAM L. FRYE. Appointed.

Constables.

GEO. W. MEARS, WILLIAM L. FRYE,
ELMER H. SHATTUCK.

Trustees of Memorial Hall.

E. KENDALL JENKINS,	Term expires 1904
GEORGE W. FOSTER,	" " 1905
FREDERIC S. BOUTWELL,	" " 1906
CHARLES C. CARPENTER,	" " 1907
JOSEPH W. SMITH,	" " 1908
FRANCIS H. JOHNSON,	" " 1909
JOSEPH A. SMART,	" " 1910

Trustees of Punchard Free School.—Terms expire 1904.

GEORGE H. POOR, SAMUEL H. BOUTWELL,
HORACE H. TYER, MYRON E. GUTTERSON,
GEORGE A. PARKER.

Auditors.

CHARLES B. JENKINS, GEORGE A. HIGGINS,
NESBIT G. GLEASON.

TOWN MEETING

Annual Town Meeting, March 2, 1903

WARRANT

ESSEX, SS: To either of the Constables of the Town of Andover. GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby directed to notify and warn the inhabitants of the Town of Andover qualified to vote in town affairs, to meet and assemble in the Town House, in said Andover, on Monday, the second day of March, 1903, at 7.30 A. M., to act upon the following articles:

Article 1st.—To choose a Moderator to preside at said meeting.

Article 2nd.—To choose Town Clerk, Treasurer, Collector of Taxes, three members of the Board of Selectmen, Assessors and Overseers of the Poor for one year, one member of the Board of Health for three years, three members of the School Committee for three years, and one member for one year to fill out the unexpired term of Mr. John L. Brewster, resigned, one Trustee of Memorial Hall for seven years, one Trustee of Cornell Fund for three years, one Park Commissioner for three years, one member of the Board of Public Works for three years, one Tree Warden for one year, three Auditors of Accounts, one or more Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, Fire Wards, a

Pound Keeper, one or more Surveyors of Highways, if the town so votes, and any other officers the town may determine to choose.

Article 3rd.—To take action on the following question: "Shall license be granted for the sale of Intoxicating Liquors in this town?"

Article 4th.—To determine what sums of money shall be appropriated for Schools, School-houses, School-books and supplies, Highways and Bridges, Macadamized Roads, Sidewalks, Removing Snow, Horses and Drivers, Street Lighting, Town Officers, Public Works (Maintenance, Construction, and Sinking Funds), Sinking Fund for Memorial Hall Notes, Fire Department (Maintenance and Fire Alarm), Town House (Maintenance), Almshouse, Repairs on Almshouse, State Aid, Military Aid, Relief out of Almshouse, State Tax, County Tax, Abatement of Taxes, Interest on Bonds, Funds and Notes, Redemption of Water Bonds (Voted Oct. 21, 1889), Notes Payable (Park Loan, Town House Improvement, Small Pox, and Drainage of Main Street), Printing and Stationery, Miscellaneous, Memorial Day, Insurance, Spring Grove Cemetery, Hay Scales, Park Commission, Public Dump and other town charges and expenses.

Article 5th.—To see if the town will vote to pay the transportation of pupils from Ballardvale to Punchard High School, the expense to come out of the appropriation for maintenance of Schools.

Article 6th.—To see if the town will instruct the Board of Public Works to extend the Sewerage System from its present terminus on Summer Street to the residence of G. E. Morse, and levy assessments the same as under the present system.

Article 7th. To see what action the town will take to

establish the street bounds, and if necessary appropriate a sum of money therefor.

Article 8th.—To see if the town will instruct the Highway Surveyor to use a sum not exceeding five hundred dollars from the appropriation for sidewalks to complete the sidewalk from Peter D. Smith's to West Parish Church, on petition of Arthur T. Boutwell and others.

Article 9th.—To see if the town will instruct the Highway Surveyor to raise the grade of Haverhill Street on both sides of the River Bridge, on petition of Thomas H. Bentley and others.

Article 10th.—To see if the town will purchase a suitable site for the Bailey School-house, move said building, and appropriate a sum of money therefor.

Article 11th.—To see if the town will appropriate a sum of money with which to make certain changes in the Punchard School Building.

Article 12th.—To see if the Town will locate and maintain four street lights on Chestnut Street, on petition of David M. May and others.

Article 13th.—To see if the Town will locate and maintain two or more street lights on Haverhill Street.

Article 14th.—To see if the Town will locate and maintain one street light at the west end of Gardner Avenue, on petition of Mrs. James N. Smart.

Article 15th.—To see if the Town will reappropriate the unexpended amount of one hundred dollars for the further marking and designation of graves of Revolutionary Patriots, under the direction of Phoebe Foxcroft Phillips Chapter, D. R., on petition of the Chapter.

Article 16th.—To see if the Town will reappropriate the

unexpended balance of one hundred dollars for the new street from Elm Street to Summer Street, being balance of amount due.

Article 17th.—To hear and act upon the report of the committee on new barn at Town Farm.

Article 18th.—To hear and act upon the report of the Selectmen in regard to names of streets.

Article 19th.—To see if the Town will appropriate two thousand seven hundred and one 28–100 dollars, ($2,701.28) to reimburse Trustees of Phillips Academy for the amount of their tax and street sprinkling for 1902.

Article 20th.—To hear and act upon the report of the committee on Town House Improvement.

Article 21st.—To see if the Town will instruct the Selectmen to employ a competent Veterinary Surgeon as Cattle Inspector, on petition of George H. Pearson and others.

Article 22nd.—To act upon the report of the Town Officers.

Article 23d.—To see if the Town will concur with the Board of Harbor and Land Commissioners in the proposed change in the boundary line between the towns of Andover and Tewksbury as recommended by said Board, or to take any other action thereon.

Article 24th.—To fix the pay of the firemen for the ensuing year.

Article 25th.—To determine the method of collecting the taxes for the ensuing year.

Article 26th.—To determine what disposition shall be made of unexpended appropriations.

Article 27th.—To authorize the Town Treasurer to hire money for the use of the town in anticipation of taxes upon the approval of the Selectmen.

Article 28th.—To determine the amount of money to be raised by taxation the ensuing year.

Article 29th.—To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant with your doings thereon, to the Selectmen at the time and place of meeting.

Given under our hands at Andover, this fourteenth day of February, in the year one thousand nine hundred and three.

B. FRANK SMITH,
SAM'L H. BOUTWELL,
S. H. BAILEY,
} *Selectmen of Andover*

ANDOVER, March 2, 1903.

ESSEX, SS:

Pursuant to the foregoing Warrant, I, the subscriber, one of the Constables of the Town of Andover, have notified the inhabitants of said town to meet at the time and place, and for the purposes stated in said Warrant by posting a true and attested copy of the same on the Town House, on each school-house, and in not less than five other public places where bills and notices are usually posted, said Warrants have been posted two Sundays.

WILLIAM L. FRYE,

Constable of Andover.

At a legal meeting of the inhabitants of the Town of Andover qualified to vote in town affairs, convened at the Town House in said Andover on the second day of March, 1903, at seven thirty o'clock in the forenoon, agreeably to the requirements of the foregoing Warrant, and after reading part of the same by the Clerk it was

Voted, To dispense with the further reading of the Warrant.

Took up Article 1st.

Chose George H. Poor Moderator, he receiving all the ballots cast (2).

Voted, To chose three Constables.

Voted, To take up Articles 2 and 3 and act upon them together.

Appointed Nesbit G. Gleason, B. F. Smith, Jr., Michael J. Crowley, Samuel H. Bailey, B. Frank Smith, Samuel H. Boutwell, and Barnett Rogers tellers, and they were sworn by the Moderator.

Voted, To close the polls at 2 o'clock P. M.

The polls were opened at 7.35 o'clock A. M.

The Standard Ballot Box failed to work properly and an open box was substituted in its place.

The polls were closed at 2 o'clock P. M.

Whole number of votes cast	853
Necessary for a choice where there were two or more candidates for the same office,	427

For Town Clerk,—1 year:

Abraham Marland had	561
Edward E. Trefry had	290

For Town Treasurer,—1 year:

George A. Parker had	840
George F. Cheever had	10
Joseph A. Smart had	1

For Tax Collector,—1 year:

Abraham Marland had	560
Edward E. Trefry had	289

For Selectmen, Assessors, and Overseers of Poor,—1 year:

B. Frank Smith had	847
Harry M. Eames had	4
Samuel H. Bailey had	851
Samuel H. Boutwell had	433
Walter S. Donald had	417

For Board of Health,—3 years:

Dr. John A. Leitch had	849
Lewis A. Buxton had	1

For School Committee,—3 years:

George T. Eaton had	853
Charles H. Shearer had	851
Charles W. Clark had	849
George W. Mears had	2
William L. Frye had	1
Elmer H. Shattuck had	1

For School Committee,—1 year:

William A. Trow had	853

For Trustee of Memorial Hall,—7 years:

Joseph A. Smart had	853

For Trustee of Cornell Fund,—3 years:

Frank E. Gleason had	851

For Board of Public Works,—3 years:

John L. Smith had	849
George A. Higgins had	2
John H. Playdon had	1

For Park Commissioner,—3 years :

T. Frank Pratt had	853

For Highway Surveyor,—1 year :

Joseph T. Lovejoy had	852

For Tree Warden, —1 year :

J. H. Playdon had	853

For Auditors of Accounts,—1 year :

Charles B. Jenkins had	853
George A. Higgins had	852
Nesbit G. Gleason had	852
George W. Mears had	1

For Constables, —1 year :

George W. Mears had	852
William L Frye had	851
Elmer H. Shattuck had	847
Chas. Mayer had	3
Nesbit G. Gleason had	1

All the foregoing officers elected were chosen by ballot, the check list being used.

And the Moderator declared —

Abraham Marland elected Town Clerk for one year.

George A. Parker elected Town Treasurer for one year.

Abraham Marland elected Tax Collecter for one year.

B. Frank Smith, Samuel H. Boutwell, Samuel H. Bailey, elected Selectmen, Assessors and Overseers of the Poor for one year.

Dr. John A. Leitch elected Board of Health for three years.

George T. Eaton, Charles H. Shearer, Charles W. Clark elected School Committee for three years.

William A. Trow elected School Committee for one year.

Joseph A. Smart elected Trustee of Memorial Hall for seven years.

Frank E. Gleason elected Trustee of Cornell Fund for three years.

John L. Smith elected Board of Public Works for three years.

T. Frank Pratt elected Park Commissioner for three years.

Joseph T. Lovejoy elected Highway Surveyor for one year.

J. H. Playdon elected Tree Warden for one year.

Charles B. Jenkins, George A. Higgins, Nesbit G. Gleason elected Auditors of Accounts for one year.

George W. Mears, William L. Frye, Elmer H. Shattuck elected Constables for one year.

The result of the vote on the Liquor License question was declared by the Moderator to be as follows:

"Yes," 143. "No," 463. Total, 606.

Chose Fence Viewers: William H. Carter, George Buchan, Alexander Dear.

Chose Field Drivers: Michael T. Welch, George L. Burnham.

Voted, That George L. Burnham be Pound Keeper, and that the Town barn and barn yard be the Pound.

Chose Surveyors of Lumber: Lewis T. Hardy, Frank E. Gleason, William H. Carter, Charles H. Marland, Herbert A. Moody, Albert B. Burtt, Edward S. Hardy, Albert A. Hardy, Henry Gray.

Chose Fire Wards: Allen Simpson, George D. Ward.

The Moderator appointed the following persons as Street Lighting Committee: John L. Smith, Barnett Rogers, Charles N. Marland, Colver J. Stone, J. William Stark.

The Moderator appointed the following persons as Finance Committee: Arthur Bliss, Walter S. Donald, Michael F. D'Arcy, Barnett Rogers, J. Newton Cole, for three years; J. Warren Barnard, M. J. Curran, J. Warren Berry, Frank T. Carlton, Andrew McTernen, for two years; Harry M. Eames, John H. Flint, Patrick J. Scott, Bernard M. Allen, Alexander Lamont, for one year.

The above Committee was appointed in accordance with the following vote:

Voted, That a Finance Committee of fifteen be appointed by the Moderator, none of whom shall be office holders, five for three years, five for two years, five for one year, and that hereafter the Moderator shall appoint five at each annual meeting to serve three years, until the town otherwise vote.

Voted, That town horses be under control of Board of Engineers of Fire Department.

Voted, That office hours of Town Clerk be from 9 A. M. to 12 M. and 3 P. M. to 5 P. M., and two evenings from 7 to 9 P. M. (Sundays and legal holidays excepted.)

Voted, That the Selectmen establish one regular day in each week with such office hours as shall accommodate the public need.

Took up Article 4th.

Voted, To appropriate the following stated sums of money:

Schools, maintenance,	$28,000 00
School-houses,	2,000 00
School Books and Supplies,	2,000 00
Printing and Stationery,	1,500 00
Miscellaneous,	2,200 00
Repairs on Highways and Bridges,	3,000 00
And the amount received from street sprinkling and from street railways and for the use of the town teams.	
Amount carried forward,	$38700 00

Amount brought forward,	$38700 00
Macadam,	2,700 00
To Establish Street Bounds,	300 00
Sidewalks,	750 00
Horses and Drivers,	4,000 00
Removing Snow,	1,000 00
Fire Department,	3,800 00
Relief out of Almshouse,	5,000 00
Almshouse, Running Expenses,	5,000 00
Repairs on Almshouse,	600 00
Tree Warden,	500 00
Public Dump, (to be expended under the direction of Village Improvement Society),	50 00
Hay Scales,	50 00
Public Works,	7,520 00
Interest,	11,000 00
Redemption of Water Bonds for $5,000,	5,000 00
Redemption of Water Bond for $1,000. (Balance $192 50),	192 50
Notes Payable:	
Park Loan,	1,700 00
Town House Improvement,	1,700 00
Drainage, Main Street,	3,000 00
Street Lighting,	4,500 00
Additional Street Lights (and unexpended balance of last year, $67.31),	50 00
Memorial Day,	225 00
Insurance,	650 00
Spring Grove Cemetery, and proceeds of sale of lots,	300 00
Sinking Funds:	
Water Bond,	750 00
Memorial Hall,	100 00
Police Department, salaries and incidentals,	2,400 00
Town House, Maintenance,	2,500 00
Amount carried forward,	$104037 50

Amount brought forward,		$104,037 50
Town House Improvement Balance,		853 00
Park Commissioners,		500 00
Abatement of Taxes,		500 00
Bailey School Changes,		1,000 00
Punchard School Changes,		1,800 00
Small Pox Expenses,		4,700 00
Phillips Academy, Reinbursement of Taxes,		2,701 28
State Aid,		1,600 00
Military Aid,		250 00
State Tax,		4.000 00
County Tax,		6,000 00
Phoebe F. Phillips Chapter, D. R., Marking Graves,		100 00
Town Officers:		
Selectmen balance to March, 1903,	$ 75 00	
Town Clerk and Tax Collector, 1 year, to March, 1904,	1,000 00	
Clerk for Selectmen, 1 year, to March, 1904,	200 00	
Town Treasurer (and furnish his own bond), 1 year, to March, 1904,	600 00	
Selectman, chairman, to March 1st, 1904,	700 00	
Selectmen, two others, $600 each, 1 year, to March, 1904,	1,200 00	
Highway Surveyor, 1 year, to March, 1904.	1,000 00	
Three Auditors, 1 year, to March, 1904,	150 00	
Tree Warden, 1 year, to March, 1904,	50 00	
Milk Inspector, 1 year, to March, 1904,	75 00	
Amounts carried forward,	$5050 00	128041 78

Amounts brought forward,	$5,050 00	128,041 78
Registrars of Voters,	100 00	
Election Officers,	100 00	
Three Members of Board of Health, 1 year, to March, 1904,	150 00	
Board of Public Works, incidentals, to March, 1904,	50 00	
School Committee, incidentals, to March, 1904,	50 00	
Total for Town Officers,		5,500 00
New Street from Elm Street to Summer street, Balance,		100 00
Sign Boards for Street Names,		300 00
Amount abated for Street Lighting Contract,		67 31
		$134,009 09

Took up Article 5th.

Voted, That the School Committee transport pupils at Ballard Vale and wherever they can be taken by steam or electric cars, the expense to be paid from the appropriation for schools.

Took up Article 6th.

Voted, To indefinitely postpone.

Took up Article 7th.

Voted, That the Selectmen be instructed to ascertain and establish street bounds so far as $300.00 voted for the purpose will permit.

Took up Article 8th.

After discussion, was referred to the next annual meeting.

Took up Article 9th.

Voted, That matter be referred to the Selectmen to examine and report to next annual meeting.

Took up Article 10th.

Voted, That a suitable site be procured for the Bailey school-house and school-house moved, and that $1000.00 be appropriated for the same.

Voted, That the Selectmen be instructed to dispose of the Abbott school-house and land, the Bailey school lot, the Scotland school lot, the Holt school-house and lot, and give deeds of same in name and behalf of the town.

Took up Article 11th.

Voted, That the sum of $1800.00 be appropriated for necessary changes in Punchard School Building.

Took up Article 12th, 13th, and 14th together.

Voted, That the matter be referred to the Street Lighting Committee, with instructions to use $67.31, the unexpended appropriation of last year, (this amount being received by the town as a rebate), and an additional appropriation of $50.00, now voted, which is deemed sufficient to cover the expense of all these lights.

Took up Article 15th.

Voted, To reappropriate the unexpended amount of $100.00 for the further marking and designation of graves of Revolutionary patriots, under the direction of Phoebe Foxcroft Chapter, D. R.

Took up Article 16th.

Voted, To reappropriate the unexpended balance of $100.00 for the new street from Elm street to Summer street, being balance of amount due.

Took up Article 17th.

Voted, That the report of the Committee on the New Barn at the Town farm be accepted, here following:

The Committee appointed at the last Annual Town Meeting, to consider the expediency of building a new barn at the Town farm, have attended to their duty, and beg leave to report as follows:

The Committee is unanimous in their opinion that something must be done soon to improve the condition of the old barn, if it is to serve the requirements of the farm. The building needs shingling and other quite extensive repairs and should be enlarged if the present amount of business is to be continued. It is not thought advisable to add to the old building, but whenever anything is done to build new.

The estimated cost of a new barn, with cellar and modern conveniences, removing the old barn, and the necessary grading, would cost between five and six thousand dollars. Your committee, therefore, owing to the many extras to be met by taxation the present year, and not deeming it wise to unduly increase the tax rate, recommended that the whole matter be postponed to some future time.

B. FRANK SMITH,
SAMUEL H. BOUTWELL,
S. H. BAILEY,
GEO. L. AVERILL,
H. M. EAMES,
GEORGE S. COLE.

ANDOVER, Feb. 21, 1903. COMMITTEE.

Took up Article 18th.

Voted, That the name of Missionary Lane be retained in place of Woodland Road.

Voted, That the report as amended be accepted and adopted, except so far as it names private ways, and that the Selectmen strike from the list all ways that are found to be private ways.

Voted, That the Selectmen be instructed to place sign boards at every street in town and $300.00 be appropriated therefor.

Took up Article 19th.

Voted, To appropriate the sum of two thousand seven hundred and one and twenty-eight one hundredths dollars ($2,701.28) to reimburse Trustees of Phillips Academy for the amount of their tax and street sprinkling for 1902.

Took up Article 20th.

Voted, To indefinitely postpone.

Took up Article 21st.

Voted, To indefinitely postpone.

Took up Article 22nd.

Voted, To accept the report of the Town Officers.

Took up Article 23rd.

Voted, That the Town of Andover concurs with the Board of Harbor and Land Commissioners in the proposed change in the boundary line between the towns of Andover and Tewksbury, so that the same shall be as follows: Beginning at the corner of Andover, Tewksbury and Wilmington, at a granite monument, marked A T W, standing in pasture about 500 feet southwesterly from the house of Wm. A. Frost, in latitude 42° 35′ 53.09″, and longtiude 71° 09′ 55.35″; thence north 49° 57′ west, about 5,488 feet to a granite monument, lettered A T, standing in open meadow about 1,000 feet north of the house of Wallace Burt; thence in the same direction to the middle of Shawsheen river; thence down the middle line of Shawsheen river about 10,000 feet (as the river runs) to a point south 56° 56′ east and about 750 feet from a granite monument, lettered A T, standing in woodland 75 feet south of Vale street, in latitude 42° 37′ 03.81″, and longitude 71° 10′ 28.22″; thence north 56° 56′ west about 26,679 feet, passing through said monument 75 feet south of Vale street to a granite monument set flush with the ground on the south bank of Merrimac river,

in latitude 42° 39′ 23.45″, and longitude 71° 15′ 19.01″; thence in the same direction to the channel of Merrimac river at the corner of Andover, Dracut, and Tewksbury.

Took up Article 24th.

Voted, That the pay of the Firemen shall be the same as last year, fifty dollars ($50.00) per year.

Took up Article 25th.

Voted, That the taxes be collected in the same manner as last year. The Town Clerk and Tax Collector to receive a salary of $1000 per year.

Took up Article 26th.

Voted, That all unexpended appropriations be turned into the Treasury, except balance from electric lighting and the several amounts reappropriated in Article 15 and 16, and unexpended balance of appropriation for River Road in 1902.

Took up Article 27th.

Voted, To authorize the Town Treasurer to hire money for the use of the town in anticipation of taxes, upon the approval of the Selectmen.

Took up Article 28th.

Voted, That the sum of ninety-four thousand dollars ($94,000.00) be raised by taxation the ensuing year.

Took up Article 29th.

Voted, To accept the list of Jurors prepared by the Selectmen, after removing therefrom the following four names at their own request: Allen F. Abbott, Edwin Brown, Edward R. Foster, Willis B. Hodgkins.

Abbott, Stephen E.	Farmer
Abbott, James J.	Farmer

Abbott, Edward F.	Farmer
Anderson, James	Hackle maker
Averill, George L.	Farmer
Bailey, Frank E.	Farmer
Billington, Charles F.	Wool sorter
Bowman, Charles	Blacksmith
Boutwell, Chester N.	Farmer
Boutwell, Samuel H.	Farmer
Brown, George A.	Clerk
Burnham, George L.	Farmer
Burns, William J.	Merchant
Caffrey, Owen F.	Wool sorter
Chase, Herbert F.	Merchant
Clemons, William S.	R. R. employee
Clinton, John H.	Janitor
Cole, Joseph F.	Carpenter
Collins, Daniel A.	Rubber worker
Cropley, William W.	Farmer
Daley, James E.	Rubber worker
Daley, Patrick J.	Merchant
Dane, Louis A.	Printer
Davey, John	Switchman
Dear, Alexander	Farmer
Dodge, George K.	Farmer
Doherty, William J.	Carpenter
Donald, Walter S.	Manufacturer
Donovan, Patrick	R. R. foreman
Downing, Emanuel	Farmer
Dwane, Patrick J.	Insurance agent
Eames, Harry M.	Manufacturer
Feeney, Michael J.	Farmer
Gledhill, William F.,	Janitor
Gould, Henry E.	Farmer
Grosvenor, James	Retired
Grout, Frank B.	Retired
Hannon, Patrick J.	Merchant

Hardy, E. Gerry	Farmer
Hardy, Albert A.	Farmer
Haynes, Bancroft T.	Grocer
Hayward, Henry A.	Farmer
Hill, Ira B.	Driver
Horan, Thomas J.	Operative
Hurley, John F.	Carpenter
Jackson, Arthur R..	Clerk
Jenkins, Charles B.	Clerk
Kendall, Frank H. E.	Carpenter
Knight, Isaac M.	Horseman
Livingston, William I.	Farmer
Livingston, Porter E.,	Farmer
Matthews, Clester E.	Wool Sorter
May, James S.	Painter
McDermitt, Charles	Flax dresser
Mears, Nathan E.	Overseer
Mooar, J. Warren	Painter
Moody, A. Herbert	Carpenter
Morse, John F.	Farmer
Neal, Horace S.	Wool Sorter
Newcomb Joel E.,	Operative
Newton, Charles H.,	Farmer
Newton, Fred	Operative
Nice, John	Florist
Nolan, James	Carpenter
Pearson, Walter B.	Operative
Phelps, Frank C.	Farmer
Pitman, John E.	Carpenter
Platt, Thomas W.	Carpenter
Poor, Daniel H.	Wool sorter
Riley, John A.	Wool sorter
Saunders, Leonard G.	Clerk
Schneider, Louis H.	Moulder
Shaw, Benjamin	Operative
Stack, John, jr.	Janitor

Stark, John S.	Provision dealer
Stiles, George W.	Carpenter
Stott, Thomas E.	Wool sorter
Swanton, Fred A.	Milk Dealer
Thomes, Samuel	Carpenter
Tough, Alvin E.	Clerk
Tuck, M. Warren	Carpenter
Waldo, Joseph W.	Carpenter
Ward, George D.	Farmer
Welch, Michael T.	Mason
White, Charles L.	Mill superintendent

B. FRANK SMITH,
SAMUEL H. BOUTWELL,
SAMUEL H. BAILEY.
Selectmen of Andover.

Voted, That the Selectmen be instructed to allow the Committee Room of the School Board, to be used at the stated meetings of the Indian Ridge Association, of the board of management of the Old People's Home, and of the directors of the Village Improvement Society, provided such use does not conflict with the meetings of the School Board.

Voted, That it is the sentiment of the Town of Andover, that they do not wish and do not approve of the construction of the boulevard between Lowell and Lawrence.

Voted, That the meeting be dissolved, and the meeting was dissolved at 4.30 P. M.

The foregoing is a true copy of the Warrant and of the Officer's return thereon, also a true record of the doings of the meeting.

Attest:

ABRAHAM MARLAND,
Town Clerk.

SELECTMEN'S REPORT

SCHOOLS

Appropriation, March 2d, 1903,		$28000 00
Special Appropriation for Superintendent, 1903,		50 00
		$28050 00
Corwin F. Palmer, Superintendent,	$1800 00	
S. Hale Baker, teaching,	453 95	
M. Josephine Hodgdon, teaching,	407 82	
Adelaide F. Perkins, teaching,	420 00	
Francis Eleanor Brooks, teaching,	709 50	
Anna E. Chase, teaching,	727 00	
Louise Morrison, teaching,	518 44	
Florence Ash, teaching,	482 81	
Grace Hill, teaching,	487 50	
Carolyn A. Dean, teaching,	487 50	
Marcia Richards, teaching,	394 84	
Annie M. Downes, teaching,	594 38	
Harriet W. Carter, teaching,	463 13	
Mary E. Milligan, teaching,	487 50	
Jennie S. Abbott, teaching,	487 50	
Adele H. Duval, teaching,	481 88	
Marion Paine, teaching,	487 50	
Evelyn P. Reed, teaching,	463 60	
Mary E. Scott, teaching,	438 75	
Margaret C. Donovan, teaching,	372 66	
Mabel G. Carley, teaching,	450 40	
Jean A. Birnie, teaching,	487 50	
Amount carried forward,	$12304 16	

Appropriation, March 2d, 1903,		$28050 00
Amount brought forward,	$12304 16	
Ethel R. Coleman, teaching,	378 00	
Alice S. Coutts, teaching,	432 00	
Florance M. Prevost, teaching,	472 50	
J. Gertrude Jackson, teaching,	243 75	
Clara A. Putnam, teaching,	633 75	
Jessie B. F. Greene, teaching,	481 88	
Cecilia A. Kydd, teaching,	448 13	
Ruby S. Copeland, teaching,	485 63	
Florence I. Abbott, teaching,	300 00	
Helen W. Battles, teaching,	570 00	
Grace E. Feeney, teaching,	413 04	
Emily F. Carlton, teaching,	487 50	
Jessie E. Barber, teaching,	110 00	
Mabel S. Robinson, teaching,	487 50	
Eva A. Hardy, teaching,	220 00	
Louise V. Bowker, teaching,	270 00	
Amy M. Pleadwell, teaching,	350 00	
Elizabeth E. Hoar, teaching,	488 75	
Agnes O. Brigham, teaching,	180 00	
Ethel R. Clark, teaching,	65 00	
E. Maude Randall, teaching,	120 32	
Bessie P. Goldsmith, teaching,	390 00	
Caroline J. Burtt, teaching,	260 00	
A. W. Pierce, teaching,	318 75	
Blanche S. Jacobs, teaching,	281 25	
Susan L. Austin, teaching,	300 00	
Lillian S. Adams, teaching,	178 13	
Helena M. Lindsay, teaching,	142 50	
Ethel Worcester, teaching,	142 50	
Maude P. Harmon, teaching,	142 50	
J. W. Andrews, teaching,	245 72	
Edna P. Carret, teaching,	112 50	
Elizabeth Collins, teaching,	32 49	
Amount carried forward,	$22288 25	

Appropriation. March 2d, 1903,		$28050 00
Amount brought forward,	$22288 25	
Clara P. Newton, teaching,	33 75	
Mrs. Herbert Goff, teaching,	43 75	
Mrs. Fred B. Goff, teaching,	14 75	
Mary H. Gardner, teaching,	4 50	
Katherine Barnett, teaching,	5 63	
Ella S. Morrill, teaching,	10 00	
Susan M. Blake, teaching,	3 00	
Clarence E. Kelley, teaching,	5 50	
Emma M. Ramsay, teaching,	1 78	
Alexander Dick, janitor,	660 00	
William Angus, janitor,	265 00	
Orrell Ashton, janitor,	260 00	
L. W. Bodwell, janitor,	330 00	
Edward F. Abbott, janitor,	84 00	
David Gordon, janitor,	100 00	
James McGovern, janitor,	72 00	
Arthur Maddox, janitor,	48 00	
Joseph Bourdelais, janitor,	72 00	
L. M. Pierce, janitor,	10 00	
Alfred Dwight, janitor,	3 00	
William Angus, Jr., janitor,	3 10	
Jessie Melanson, janitor,	48 00	
Frank E. Gleason, coal,	2515 14	
Peter Shevlin, wood,	35 00	
James J. Abbott, wood,	44 00	
James E. McGovern, wood and coal,	32 00	
Clarence J. Way, wood,	46 00	
John Maddox, wood,	8 50	
Greene & Woodlin, wood,	8 50	
James S. Flint, wood,	29 00	
B. W. Burtt, wood,	6 00	
William Leary, preparing wood,	2 00	
Herbert Clark, preparing wood,	8 12	
Amount carried forward,	$27100 27	

Appropriation, March 2d, 1903,		$28050 00
Amount brought forward,	$27100 27	
William Angus, preparing wood,	2 50	
Henry Cunningham, preparing wood,	3 00	
Charles Weston, preparing wood,	1 50	
Randall A. Hurley, preparing wood,	1 75	
Mrs. C. H. Brownell, transporting children,	350 00	
Lawrence & Reading Street Railway Co., fares,	75 00	
Boston & Northern Street Railway Co., fares,	42 00	
Boston & Maine R. R., tickets,	227 40	
William H. Higgins, teams,	119 00	
Andover Electric Co., fixtures,	10 49	
Alexander Dick, truant officer,	50 00	
William L. Frye, officer,	8 00	
Corwin F. Palmer, travelling and other expenses,	61 58	
Corwin F. Palmer, enumerating children,	40 00	
James Saunders, labor,	2 25	
Edward F. Abbott, labor,	4 00	
Total expenditure,		$28,098 74
Overdrawn,		$ 48 74

Bailey School

Appropriation, March 2d, 1903,		$1000 00
Transferred to Horses and Drivers' Account,	$774 05	
		$ 774 05
Balance unexpended,		225 95
		$1000 00

SCHOOL-HOUSES

Appropriation, March 2d, 1903,		$2000 00
Allen Totman & Co., cloth,	$ 7 50	
Wadsworth, Howland & Co., tables,	56 00	
T. A. Holt & Co., supplies,	11 22	
Briggs & Allen, supplies,	15 25	
Chandler Adjustable Chairs & Desk Co., furniture,	565 35	
Andover Electric Co., lighting,	33 48	
D. Donovan & Son, repairs,	5 00	
Board of Public works, service pipe,	26 45	
Wm. H. Welch & Co., plumbing,	76 60	
William W. White, repairs,	81 88	
Allen Thompson, Whiting Co., supplies,	57 75	
Ovid Chapman, rent,	135 00	
John S. Dearborn, glass and labor,	10 70	
L. W. Bodwell, repairs,	9 12	
Hardy and Cole, repairs,	66 71	
Atkinson & Mentsen,	50	
Henry McLawlin, supplies,	106 24	
J. Otis McFadden, repairs,	12 00	
A. Kaiser, supplies,	46 27	
Ira Buxton, supplies,	14 85	
J. E. Whiting, clocks,	21 30	
Paine Furniture Co., rugs,	19 30	
Erwin C. Pike, plumbing,	28 42	
Charles L. Carter, rent,	111 12	
A. W. Caldwell, repairs,	34 52	
George A. Higgins & Co., thermometers,	1 50	
George Saunders, plumbing,	174 23	
John Connolly, labor,	53 00	
Lawrence Gas Co., gas,	11 16	
Amount carried forward,	$1792 42	

Appropriation, March 2d, 1903,		$2000 00
Amount brought forward,	$1792 42	
William Angus, labor,	3 35	
Tuttle's Express, carting,	32 83	
Lewis M. Pierce, repairs,	65	
David Walker, grading,	13 00	
A. P. Richardson, clay,	24 00	
Boston & Maine R. R., freight,	4 05	
Continental Brush Co., brushes,	37 56	
W. H. Sylvester, tuning piano,	2 50	
Eva A. Hardy, tuning piano,	2 00	
Orrell Ashton, repairs,	2 23	
Lord & Co., tuning pianos,	9 50	
N. Jaquith, jr., flag pole,	5 00	
Anderson & Bowman, iron work,	1 70	
James J. Abbott, manure and loam,	3 50	
American Express Co., carting,	55	
John Colbath, labor,	2 00	
Masury, Young & Co., stock,	24 00	
C. F. Winchester, supplies,	3 13	
Edward E. Babb & Co., supplies,	3 20	
H. E Barnjum, oil,	2 75	
Alexander Dick, supplies,	2 74	
J. L. Hammett, & Co., slated cloth,	75	
Smith & Manning, supplies,	4 72	
Lowell Polish Co., floor polish,	1 50	
David Gordon, cement and labor,	1 75	
James E. McGovern, wood and repairs,	7 25	
Buchan & Francis, shade,	75	
Robey, French & Co., supplies,	3 72	
Frank E. Dodge, masonry,	3 09	
Herbert Clark, posts and labor,	2 22	
Edward F. Abbott, repairs,	1 50	
Total expenditure,		$ 1999 91
Balance unexpended,		09
		$2000 00

Punchard School

Appropriation, March 2d, 1903,		$ 1800 00
Hardy & Cole, stock and labor,	1402 04	
Perley F. Gilbert, professional services,	50 00	
Andover Electric Co., fixtures,	110 37	
J. Otis McFadden Co., venetian blinds,	15 00	
J. L. Hammett Co., blackboards,	37 45	
A. W. Caldwell, painting,	126 68	
George Saunders, heating,	37 96	
L. W. Bodwell, labor,	20 50	
Total expenditure,		$1800 00

BOOKS AND SUPPLIES

Appropriation, March 2d, 1903,		$ 2000 00
George A. Higgins,	$ 322 38	
Edward Babb & Co.,	223 66	
Reid & Hughes,	30	
Carter Rice & Co.,	10 96	
Silver Burdett & Co.,	49 38	
J. L. Hammett & Co.,	152 81	
Burgquist and Wheeler,	8 50	
American Express Co.,	12 10	
Ginn & Company,	82 79	
Evelyn P. Reed,	9 82	
D. C. Heath & Co.,	83 49	
American Book Company,	59 68	
C. H. Koebler & Co.,	8 80	
Maynard Merritt & Co.,	14 35	
Globe Merwicke Co.,	15 21	
Longsman Greene & Co.,	5 73	
Tuttles Express,	32 88	
Masten Wells Fireworks M'f'g Co.,	3 00	
Fred Theise,	6 40	
Andover Press,	100 00	
Houghton, Mifflin & Co.,	8 44	
Adams, Cushing & Foster,	145 68	
A. T. Thompson & Co.,	141 54	
Oliver Ditson Company,	22 66	
Lee & Shepard,	1 12	
Rand McNally & Co.,	26 28	
T. J. Farmer,	2 89	
Smith & Manning,	8 66	
Thorp & Martin Co.,	5 00	
Amount carried forward,	$1564 51	

Appropriation, March 2d, 1903,		$2000 00
Amount brought forward,	$1564 51	
Gregg Publishing Co.,	10 97	
T. A. Holt & Co.,	31 94	
Wardworth, Howland & Co.,	19 70	
Allyn & Bacon,	2 67	
Anderson & Bowman,	70	
Benjamin H. Sanborn & Co.,	18 84	
Sibley & Co.,	1 75	
Corwin F. Palmer,	24 71	
L. E. Knott Apparatus Co.,	2 47	
Milton Bradley Co.,	44 98	
C. C. Berchard Co.,	29	
Bunkio Matsuki,	10 00	
William G. Brown,	3 32	
Dennison M'f'g Co.,	4 00	
W. J. Little,	12 70	
Valpey Brothers,	1 17	
New England Telephone & Telegraph Co.,	31 68	
Dewolfe Fiske & Co.,	3 50	
Horace Partridge,	2 00	
J. R. Spaulding & Co.,	90	
John H. Thurston,	80	
F. P. Higgins,	2 62	
G. C. Cannon,	6 75	
Boston Bank Note Co.,	52 00	
Erwin C. Pike,	7 70	
C. H. Shattuck,	1 35	
Byron Truell Co.,	3 05	
Albert W. Lowe,	1 00	
Bessie P. Goldsmith,	5 54	
F. J. Barnard & Co.,	46 34	
Amy M. Pleadwell,	1 85	
Harvard Co operative society,	2 55	
Remington Typewriter Co.	5 10	
Amount carried forward,	$1929 45	

Appropriation, March 2d, 1903,		$2000 00
Amount brought forward,	$1929 45	
Cupples & Schoenhof,	6 75	
Harbor & Land Commission,	47	
Catherine F. Johnson,	8 00	
Smith Premier Typewriter Co.,	14 75	
Charles C. Hutchinson,	1 33	
Arthur Bliss,	1 20	
Eastern Commission & Importing Co.	2 00	
U. S. Weather Bureau,	15	
H. H. Carter Co.,	1 68	
E. C Clapp,	5 60	
Lothrop Publishing Co.,	3 12	
Perry Picture Co.,	50	
Atkinson & Mentsen,	14 41	
John Carter & Co.,	10 08	
Total expenditure,		$ 1999 49
Balance unexpended,		51
		$ 2000 00

HIGHWAYS AND BRIDGES

Appropriation, March 2d, 1903,		$3000 00
Street Railroad Excise Tax,		1294 62
Street Railroad Franchise Tax,		1433 88
Street Watering,		1160 56
		$6889 06
Barbour & Stockwell Co., frame and grate,	$10 50	
George A. Higgins & Co., supplies,	85	
John B. Jenkins, labor,	3 50	
James Napier,	2 90	
Locke & Jones, stones,	111 00	
William H. Welch & Co., stock and labor,	95 87	
Loring N. Farnum,	10 21	
Michael O'Shea, labor,	10 50	
Walter French, labor,	75	
F. R. Abbott, gravel,	27 61	
John Haggerty, gravel,	82 50	
Good Roads Machinery Co., machinery,	201 20	
Boston & Maine R. R., freight,	3 01	
Morrison & O'Connell, ironwork,	40 23	
Anderson & Bowman, ironwork,	14 90	
Henry McLawlin, supplies,	42 12	
Hardy & Cole, stock and labor,	513 77	
Ira Buxton, supplies,	3 10	
M. O'Mahoney, cement,	12 00	
Harold L. Bond & Co., shovels,	18 00	
American Express Co., carting,	60	
William H. Tucker, labor,	95 42	
Andover Sewer Department, cement and stone,	15 65	
Mechanics Iron Foundry Co., grates,	19 90	
Amount carried forward,	$1336 09	

Appropriation, March 2d, 1903,		$6889 06
Amount brought forward,	$1336 09	
Smith & Manning, supplies,	86	
S. T. Wood,	17 10	
Frank E. Gleason, wood and coal,	103 51	
Erwin C. Pike, supplies,	3 16	
Treat Hardware & Supply Co., supplies,	10 05	
Board of Public Works, giving grade,	8 93	
John H. Leonard, iron work,	4 60	
John Maddox, wood,	48 00	
Miss Ada Buchan, gravel,	27 50	
Frank C. Phelps, stone,	5 10	
E. J. Arundel, iron work,	2 10	
A. McDonald, stone dray,	6 50	
James J. Abbott, stone,	1 50	
John McCarthy,	265 50	
S. Byron Bodwell, raising bridge,	77 00	
Henry A. Hayward,	2 85	
Knowlton Packing Co., supplies,	1 64	
Perrin Seamens & Co., bass brooms,	6 50	
T. A. Holt & Co., supplies,	1 04	
Telegram Publishing Co.,	50	
J. Warren Mooar, gravel,	30 00	
John Schofield, labor,	2 00	
Charles P. Rea, gravel,	2 40	
Moses T. Stevens & Sons,	93	
Concord Foundry, grate,	3 60	
George Saunders, pipe and labor,	203 69	
J. Twombly, building catch basin,	34 30	
Tuttle's Express, carting,	1 65	
Stephen A. Lovejoy, labor,	202 66	
Harry P. Abbott, labor,	210 00	
Fred Davis, labor,	398 22	
James M. Putnam, labor,	411 50	
Samuel Levis, labor,	175 50	
Amount carried forward,	$3606 48	

Appropriation, March 2d, 1903,		$6889 06
Amount brought forward,	$3606 48	
Timothy Madden, labor,	175 10	
John Madden, labor,	144 76	
Timothy C. Sullivan, labor,	149 14	
John Leary, labor,	186 18	
William Leary, labor,	176 65	
Frank McCuskar, labor,	144 85	
James Dugan, labor,	183 94	
William Baker, labor,	168 20	
Cornelius Sullivan, labor,	143 90	
Patrick Conway, labor,	177 08	
Elwyn Teague, labor,	144 66	
William Caffrey, labor,	163 33	
Joseph Oldroyd, labor,	146 61	
Hugh Malcomb, labor,	77 20	
William Davis, labor,	128 81	
Hiram Carter, labor,	144 50	
Jerry Golden, labor,	44 24	
Nathan R. Bailey, labor,	70 00	
Albert A. Hardy, labor,	83 08	
David Webb, labor,	48 75	
Joseph Bourdelais, labor,	163 56	
Thomas James, labor,	37 78	
Henry Povo, labor,	39	
Daniel Fitzpatrick, labor,	44 75	
Sivert Peterson, labor,	26 16	
Jerry Driscoll, labor,	15 16	
John Griffin, labor,	80 70	
John McKenna, labor,	30 34	
Freeman Abbott, gravel,	94 00	
Lewis Belisle, stone and labor,	20 25	
James W. Hunt, labor,	49	
Frank Smith, jr., labor,	1 00	
A. P. Richardson, labor,	20 25	
Amount carried forward,	$6842 29	

Appropriation, March 2d, 1903,		$6889 06
Amount brought forward,	$6842 29	
Patrick McDonald, labor,	10 50	
Patrick Hartnett, labor,	7 00	
Thomas Doyle, labor,	26 26	
William Haggerty, labor,	9 00	
Patrick Murphy, labor,	97	
Total expenditure,		$6896 02
Overdrawn,		6 96

Macadam

Appropriation, March 2d, 1903,		$2700 00
Refunded by Street Railway Co.,		1087 42
Transferred from snow account,		439 44
		$4226 86
Loring N. Farnum, macadam,	$2815 00	
Boston & Maine R R., freight,	20 63	
Henry McLawlin, supplies,	10 52	
Treat Hardware & Supply Co., supplies	7 00	
Good Roads Machinery Co., supplies,	27 40	
A. McDonald, labor,	1 65	
Hardy & Cole, stock and labor,	15 65	
Erwin C. Pike, supplies,	52	
Barbour, Stockwell & Co., frames and grate,	21 00	
Ira Buxton, sundries,	1 30	
Paterson Lubricating Co., oil,	2 50	
Smith & Manning, supplies,	1 78	
Stephen A. Lovejoy, labor,	47 11	
Harry P. Abbott, labor,	62 50	
Fred Davis, labor,	42 00	
James M. Putnam, labor,	95 00	
Hiram Carter, labor,	91 00	
Joseph Bourdelais, labor,	5 00	
Amount carried forward,	$3267 56	

Appropriation, March 2d, 1903,		$4226 86
Amount brought forward,	$3267 56	
John Leary, labor,	36 75	
William Leary, labor,	36 75	
James Dugan, labor,	36 75	
William Baker, labor,	41 80	
William Davis, labor,	40 06	
Cornelius Sullivan, labor,	8 56	
Timothy Madden, labor,	33 45	
John Madden, labor,	45 55	
Timothy C. Sullivan, labor,	35 97	
Samuel Levis, labor,	36 95	
Frank McCusker, labor,	3 50	
John Marooney, labor,	13 32	
John Griffin, labor,	35 00	
John E. Collins, labor,	1 00	
John McHenna, labor,	33 00	
James Sullivan, labor,	30 00	
Patrick Griffin, labor,	15 36	
James Menchene, labor,	8 75	
William Ronan, labor,	13 33	
James Pasho, labor,	6 22	
George W. Blood, labor,	45 00	
Patrick Hannon, labor,	41 50	
John Collins, labor,	34 50	
John E. Collins, labor,	26 50	
A. P. Richardson, labor,	44 50	
Daniel Abbott, labor,	7 00	
Jesse H. Clark, labor,	48 33	
Charles O'Hara, labor,	45 33	
John Connelly, labor,	19 33	
Charles P. Rea, labor,	6 00	
John Driscoll, labor,	12 25	
Frank Valentine, labor,	12 25	
Sivert Peterson, labor,	22 94	
Amount carried forward,	$4145 06	

Appropriation, March 2, 1903,		$4226 86
Amount brought forward,	$4145 06	
Daniel Collins, labor,	11 67	
Thomas Harrington, labor,	10 50	
Hugh Malcomb, labor,	22 94	
William Caffrey, labor,	31 69	
John J. Collins, labor,	5 00	
Total expenditure,		$ 4226 86

Sidewalks

Appropriation, March 2d, 1903,		$ 750 00
Re-imbursed by abuttors,		230 53
		$980 53
Smith & Bingham, concreting,	$506 06	
John D. Newell,	84 36	
Henry A. Hayward,	3 00	
Stephen A. Lovejoy, labor,	12 00	
Harry P. Abbott,	15 00	
Fred Davis, labor,	10 50	
James M. Putnam, labor,	27 00	
John Leary, labor,	10 31	
William Leary, labor,	10 31	
James Dugan, labor,	10 31	
William Baker, labor,	10 31	
William Davis, labor,	5 25	
Cornelius Sullivan, labor,	10 31	
Timothy Madden, labor,	10 31	
John Madden, labor,	11 78	
Timothy C. Sullivan, labor,	5 25	
Samuel Levis, labor,	10 31	
Frank McCusker, labor,	10 31	
Patrick Conway, labor,	14 97	
Elwyn Teague, labor,	13 22	
William Caffrey, labor,	9 72	
Amount carried forward,	$800 59	

Appropriation, March 2d, 1903,		$980 53
Amount brought forward,	$800 59	
Joseph Oldroyd, labor,	13 22	
Hiram Carter, labor,	9 00	
Jerry Golden,	14 19	
Total expenditure,		$837 00
Balance unexpended,		$143 53

Horses and Drivers

Appropriation, March 2d, 1903,		$4000 00
Transferred from Bailey school appropriation,		774 05
		$4774 05
Andover Town Farm, hay,	$206 54	
Morrison & O'Connell, wood and iron work,	101 50	
G. L. Stone, harness work,	9 60	
Sanborn & Robinson, supplies,	4 80	
Frank E. Gleason, hay and straw,	221 09	
E. M. & W. A. Allen, drugs,	2 85	
T. A. Holt & Co., grain,	284 65	
Andover Electric Co., light,	12 00	
J. H. Richardson, hay,	58 00	
Greene & Woodlin, grain,	55 70	
G. F. Winchester, veterinary services,	13 75	
Frank M. Smith, care of horses,	770 00	
F. E. Morse, care of horses,	575 00	
John Haggerty, care of horses,	600 00	
W. F. Rea, care of horses,	492 32	
Smith & Manning, grain,	269 25	
Agustus A. Upton, hay,	84 55	
A. McDonald, wood work,	40 70	
Lynn Oil Co., oil,	4 00	
Harlan Symonds, hay,	37 20	
Amount carried forward,	$3843 50	

Appropriation, March 2d, 1903,		$4774 05
Amount brought forward,	$3843 50	
Ira Buxton, supplies,	1 05	
Henry McLawlin, supplies,	30 84	
William Nokes, horses,	350 00	
Anderson & Bowman, iron work,	110 81	
Albert W. Lowe, drugs,	1 75	
Erwin C. Pike, supplies,	3 50	
Frank E. Dodge, masonry,	12 78	
N. H. Shattuck, harness work,	23 00	
A. W. Caldwell, paint,	7 13	
George A. Higgins & Co., supplies,	2 75	
Hardy & Cole, stock and labor,	11 14	
A. G. Baker, dentistry,	6 00	
F. G. Haynes & Co., grain,	87 36	
M. F. D'Arcy & Co., hay,	89 99	
Mrs. N. F. Abbott, hay,	52 38	
C. H. Shattuck, drugs,	2 70	
Wm. H. Welch & Co., supplies,	14 00	
A. P. Richardson, use of horse,	4 50	
E. W. Boutwell, hay,	38 11	
William H. Higgins, drugs,	50	
A. M. Colby, harness work,	9 50	
Lawrence Gas Co., light,	7 50	
Currier & Campion Co., grain,	63 26	
		$4774 05

Removing Snow

Appropriation, March 2d, 1903,		$1000 00
George D. Ward,	$38 75	
William H. Tucker,	28 25	
B. H. Baker,	1 75	
Georga E. Pillsbury,	1 75	
H. S. Johnson,	3 60	
William T. Rea,	4 50	
Amount carried forward,	$78 60	

Appropriation, March 2d, 1903,		$1000 00
Amount brought forward,	$78 60	
William Boland,	5 25	
Henry McLawlin,	1 40	
James J. Abbott,	4 00	
George L. Averill,	3 00	
B. Frank Smith,	13 20	
Hardy Brothers,	4 05	
William H. Carter,	28 00	
F. H. Foster,	2 25	
Joseph Bourdelais,	35 68	
C. J. Way,	3 36	
Joshua H. Chandler,	22 30	
J. Frank Morse,	12 80	
Charles A. Jameson,	8 00	
Morrison & O'Connell,	4 25	
H. E. Gould,	16 49	
Ralph A. Bailey,	10 80	
Fred Davis,	84 00	
Stephen A. Lovejoy,	40 45	
John Maddox,	89	
Daniel Buckley,	1 75	
Timothy Madden,	7 20	
William Leary,	7 59	
William Davis,	2 92	
William Caffrey,	4 28	
William Conway,	4 28	
Patrick Conway,	10 50	
John Gill,	78	
Henry Nason,	39	
Henry Povo,	1 36	
Joseph Summers,	3 21	
Alonzo Summers,	3 21	
Patrick Hartnett,	3 02	
William Baker,	3 21	
Amount carried forward,	$432 47	

Appropriation, March 2d, 1903,		$1000 00
Amount brought forward,	$432 47	
Daniel Donovan,	4 38	
John Murphy,	2 92	
Daniel Collins,	2 04	
John Leary,	4 67	
Michael Stack,	3 50	
Nathaniel Summers,	2 24	
John Marooney,	3 50	
John Connolly,	1 36	
Daniel Davis,	1 56	
John Colbath,	2 34	
Harry Nason,	1 56	
Hiram Carter,	1 50	
Salmon Walker,	1 66	
John L. Noyes,	58	
Timothy C. Sullivan,	3 50	
George Dumont,	1 75	
James Dole,	1 75	
Louis Belisle,	1 75	
David Webb,	16 00	
Joseph Brown,	4 50	
Thomas Fitzgerald,	5 20	
Harry E. Wells,	1 60	
Jerry Golden,	7 00	
Total expenditure,		$509 33
Balance unexpended,		$ 490 67

Transferred $439.44 of the above balance to macadam account, leaving $51.23 unexpended.

HIGHWAY SURVEYOR'S REPORT

To the Selectmen of the Town of Andover—

GENTLEMEN: I herewith present my report on Highways and Bridges.

Work was commenced on March 24th at Buchan's pit. Beginning at the Shattuck place in West Andover we graveled the road through the hollow placing Telford road up the hill to the Cutler farm. We repaired Trow's hill, graveled Central street from the South church to T. A. Holt's store, also Summer street from Mr. Pasho's to John E. Hutcheson's, and the Nathan Abbott road.

May 28th, we started up the machinery on the River road, to expend the balance of the appropriation of the previous year. Eleven hundred twenty-five feet of macadam road was built, making the total amount thirty-four hundred feet west of the Lawrence line. We exceeded the balance of the appropriation. Edward Shattuck gave us the stone for five hundred feet of road and as the machinery was in place, I thought best to finish this, using money from the highway appropriation.

The bridge at Stevens Mills was raised two feet. This bridge I have re-planked three times in eleven years, and the Ballardvale bridge, one of the same kind was not done for nineteen years, so I thought best to raise it. The raising, stone work, lumber and filling cost a little over a thousand dollars. As it costs nearly four hundred dollars to re-plank it, I consider this money well invested.

August 10th we commenced at the railroad bridge, North Main street and built 1200 feet of macadam road, paving the gutters and putting in two catch basins. As there was

only $972 left from the macadam appropriation after paying for the work done the fall previous on Elm street, we were unable to connect this with the macadam at the square.

The road machine has been used 23 days in different parts of the town. This machine usually repairs a mile each day. The gutters were cleaned as usual and stones raked. The hoky poky cart is still in use and doing good service.

There was no appropriation for gravel sidewalks but we built 250 feet on Avon street and a short one on the north side of Mineral street. I would say that right here is one of the worst places in town for the water to settle. I would recommend that the town put in two catch basins and pipe them to the river, a distance of 1000 feet or more. A catch basin was put in on Lowell street near Mr. Pike's and one in Abbott Village which we piped to the river. This work has been needed for a long time. A great many loads of gravel have been used to repair sidewalks in different parts of the town. A portion of Pine street was graded with ashes from the Tyer Rubber company.

A pipe culvert was put in near John B. Jenkins'. New railing was placed over the fish brook near Phelps crossing and on Reservation street.

A concrete walk was put in on Bartlet street from Morton street to connect with the walk near the Stowe school, under the betterment act. A concrete walk with edgestones was laid on the south side of the Town House. An asphalt crossing was built from the Town House to the corner near Whiting's store, also one from Campion's corner to Memorial Hall, one near the Episcopal church, and two across Florence street (one at Elm street and one at Park street.) Several concrete walks and gutters were repaired.

The streets in Ballardvale have been kept in repair by the town horses kept there.

We began work on the State road September 2nd, and built 3400 feet finishing it the last of November. This is

the fifth piece I have built in Andover. You will see by the Selectmen's account that there is a balance in the town's favor. As this is said to be the last piece of State road which we are to receive, I would say that the five pieces call for an appropriation of $27,000 which sum has been expended under my direction. This money has been kept in town. If the road had been built by contract, this labor would have been done largely by Italians.

Earnings of Town Teams

On highways—		
F. Smith, 54 days at $4.50,	$243 00	
F. Morse, 65 days at $4.50,	292 50	
J. Haggerty, 217 days at $4.50,	976 50	
Team driven by Rea, 156 days at $4.50,	702 00	
Sprinkling,	1162 38	
Fire department,	184 20	
		$3560 58

This does not include any earnings of the horses by removing snow.

Respectfully submitted,

JOSEPH T. LOVEJOY,

Highway Surveyor.

TOWN OFFICERS

Appropriation, March 2d, 1903,		$5500 00
B. Frank Smith, balance due 1902,	$ 75 00	
B. Frank Smith, salary,	700 00	
Abraham Marland, town clerk and collector,	1000 00	
Abraham Marland, clerk for selectmen,	200 00	
George H. Poor, moderator,	10 00	
Joseph T. Lovejoy, supt. of streets,	1000 00	
Abraham Marland, register of voters,	94 50	
W. H. Higgins,	2 00	
J. A. Leitch, M. D., board of health,	50 00	
S. H. Bailey, selectman,	600 00	
S. H. Boutwell, selectman,	600 00	
George A. Parker, treasurer,	600 00	
Owen F. Caffrey, election officers,	32 00	
George A. Higgins, election officers,	70 00	
George E. Hussey, inspector of milk,	75 00	
Elmer H. Shattack, election service,	7 00	
Nesbit G. Gleason, auditor,	50 00	
George A. Higgins, auditor,	50 00	
Charles B. Jenkins, auditor,	50 00	
School Account,	50 00	
Dr. Charles E. Abbott, board of health, 1901 and 1902,	100 00	
Dr. Charles E. Abbott, board of health,	50 00	
Total expenditure,		$5465 50
Balance unexpended,		$ 34 50

(Bills not paid, $115.00)

Police

Appropriation, March 2d, 1903,		$2400 00
Newton Jaquith, jr. (1902),	$ 10 00	
Newton Jaquith, jr.,	82 25	
E. H. Shattuck (1902),	6 00	
E. H. Shattuck,	79 90	
Wm. H. Higgins,	142 00	
Thomas Peters,	13 25	
M. T. Walsh,	120 50	
F. A. Swanton,	13 75	
Wm. L. Frye, chief,	780 00	
Wm. L. Frye, expense of prisoners,	16 84	
George W. Mears,	720 00	
H. L. White,	15 00	
L. D. Pomeroy,	32 25	
New England Telephone Co.,	28 22	
W. H. Carter,	45 00	
John H. Clinton,	83 25	
S. M. Spencer & Co., badges,	4 50	
W. F. Gledhill,	14 00	
Morrison & O'Connell, grappling-iron,	1 50	
Wm. Angus,	2 00	
Ira Buxton, repairing,	75	
James Holden,	3 00	
B. F. Upton,	3 00	
Alexander Dick,	3 00	
James Saunders,	2 00	
E. C. Pike, gas pipe,	1 44	
J. W. Mooar,	5 00	
L. F. Hitchcock,	7 50	
W. H. Sleath,	4 50	
Henry McLawlin, supplies,	3 90	
Total expenditure,		$2244 30
Balance unexpended,		$ 155 70

Town House

Appropriation, March 2d, 1903,		$2500 00
Town House Improvement,		853 00
		$3353 00
Andover Electric Co.,	$271 48	
Frank E. Gleason, coal,	736 85	
Frank E. Dodge, work in cellar,	33 46	
George Saunders, supplies,	59 19	
Ira Buxton, keys,	1 10	
American Express Co.,	25	
T. A. Holt & Co., supplies,	1 41	
Derby Desk Co., desks and chairs,	218 00	
George W. Mears, labor,	10 50	
E. M. & W. A. Allen, supplies,	25	
James Saunders, janitor,	480 00	
Henry McLawlin, supplies,	23 30	
Lawrence Gas Co.,	23 38	
Doten & Dutton, desks and tables,	138 50	
W. A. Welch, repairing steam boiler,	105 19	
Hardy & Cole,	816 19	
Richard Gannon, stage supplies,	20 19	
W. A. Morton, decorator,	99 00	
Perley F. Gilbert, architect,	100 00	
Charles S. Buchan, curtains,	24 00	
Henry J. Newman, painting,	48 04	
A. Kaiser, carpet and shades,	25 05	
Henry Harmon, repairing roof,	18 42	
A. W. Caldwell, painting,	55 00	
E. C. Pike, supplies,	6 10	
John F. Muldowney, supplies,	1 75	
Rhoda Moore, labor,	1 10	
John F. Moore, supplies,	2 00	
Smith & Manning, mats and supplies,	12 29	
Mrs. Davis, labor,	12 86	
Amount carried forward,	$3344 85	

Appropriation, March 2, 1903,		$3353 00
Amount brought forward,	$3344 85	
Theo. Muise, repairs,	4 00	
H. F. Chase, keys,	5 45	
John D. Newall, granite sill,	6 50	
H. E. Barnjum, oil,	2 75	
H. C. Hitchcock, painting,	11 00	
Anderson & Bowman, irons for flag pole,	3 90	
Board of Public Works, piping,	38 24	
Lawrence Decorating Company, awnings,	31 25	
W. H. Welch & Co., steam heating,	608 93	
W. W. White, labor,	32 45	
E. R. Eastman, awning irons and screens,	4 50	
Union Towel Co., supplies,	3 90	
Continental Brush Co.,	1 50	
Total expenditure,		$4099 22
Overdrawn,		$ 746 22

(Bills not paid, $239.88)

Fire Department and Fire Alarm

Appropriation, March 2d, 1903,		$3800 00
Walter French,	$13 00	
Paul Haber, loam,	3 00	
Thomas H. Bentley, painting,	18 62	
Ira Buxton,	7 10	
W. E. Decrow, work on fire alarm,	14 21	
New England Telephone Co.,	36 85	
Tuttle's Express,	7 05	
Newton Jaquith, jr., work on fire alarm,	120 50	
C. S. Buchan, shades,	2 45	
Andover Electric Co.,	79 00	
Boston Woven Hose Co.,	606 40	
George Saunders,	151 46	
Henry McLawlin, supplies,	73 83	
Amount carried forward,	$1133 47	

Appropriation, March 2d, 1903,		$3800 00
Amount brought forward,	$1133 47	
G. L. Stone, repairs,	2 90	
C. N. Perkins, supplies,	11 00	
Andover Press, supplies,	6 85	
Hardy & Cole, supplies,	23 65	
N. H. Shattuck, repairs,	7 10	
John S. Dearborn, painting,	22 13	
Morrison & O'Connell, repairs,	18 25	
E. C. Pike, supplies,	61 75	
Frank E. Gleason, coal,	307 88	
Greene & Woodlin, supplies,	8 97	
James Doyle,	21 00	
George A. Higgins & Co., supplies,	2 75	
W. H. McTernen, janitor,	192 00	
Lewis T. Hardy, engineer,	125 00	
John Haggerty, janitor,	35 00	
George D. Lawson, engineer,	75 00	
George C. Dunnells, clerk, pay roll,	925 84	
W. H. Higgins, use of horses and wagon,	13 00	
John S. Harnden, engineer,	125 00	
Electric Gas Light Co., supplies,	99 12	
Ralph Upton, labor,	7 50	
American Express Co.,	1 30	
Allen Simpson, engineer,	75 00	
Allen Simpson, supplies,	4 00	
Horace S. Neal, labor,	38 00	
John A. Riley, clerk, pay roll,	485 00	
Richard York, labor,	7 25	
Tyer Rubber Co., blowing whistle,	50 00	
Tyer Rubber Co., supplies,	1 32	
Joseph I. Pitman, horse hire,	8 25	
Treat Hardware Co., supplies,	9 32	
Beattie Zinc Co., supplies,	10 00	
F. S. Carter, fireman,	25 00	
Amount carried forward,	$3939 60	

Appropriation, March 2d, 1903,		$3800 00
Amount brought forward,	$3939 60	
W. E. Decrow, winding crank,	3 25	
Lawrence Gas Co.,	38 85	
H. C. Hitchcock, painting,	4 00	
Solshine Mfg. Co., supplies,	1 50	
J. E. Whiting, oil,	70	
Total expenditure,		$3987 90
Overdrawn,		$ 187 90
Transferred balance from Insurance,	$ 18 84	
Transferred balance from Street Signs,	170 80	
		189 64
Balance,		$ 1 74

Park Commission

Appropriation, March 2d, 1903,		$500 00
Charles P. Rea, labor,	$ 4 13	
M. J. Stack, labor,	9 75	
Henry Povo, labor,	91 27	
Board of Public Works, engineering,	65 53	
Henry McLawlin, supplies,	3 58	
Joseph H. Curtis, architect,	250 00	
R. A. Hurley, labor,	24 00	
Total Expenditure,		$448 26
Balance,		$ 51 74

(Bills not paid, $50.00)

Care of Dump

Appropriation, March 2d, 1903,		$50 00
Henry Povo, labor,	$35 20	
Total expenditure,		$35 20
Balance,		$14 80

Printing and Stationery

Appropriation, March 2d, 1903,		$1500 00
Check Books,	$ 31 00	
Andover Press, printing,	922 45	
Geo. A. Parker, postage stamps,	2 00	
Herbert Stillings, typewriting jury list,	2 00	
Arthur Bliss, envelopes and stamps,	107 98	
P. B. Murphey, dog blanks,	2 75	
Henry M. Meek, supplies,	7 50	
Little, Brown & Co., supplies,	4 00	
George A. Higgins & Co., stationery,	19 70	
A. F. Lewis, supplies,	35	
Thomas Groom, stationery,	2 00	
George E. Hussey, supplies,	30	
C. W. Stetson, letter book,	1 50	
F. H. Blackbird, pens,	1 25	
Lilla D. Stott, abstracts, deeds,	36 50	
Robert S. Robson, supplies,	2 00	
Hobbs & Warren, supplies,	82	
J. C. Hall Co., check book,	18 00	
Fairbanks & Co., weigh book,	2 00	
American Express,	25	
Edgar C. Fessant, files,	4 00	
A. R. Sanborn, recording deeds,	1 75	
A. Marland, stamps,	12 36	
Total expenditure,		$1182 46
Balance,		$ 317 54

Street Lights

Appropriation, March 2d, 1903,		$4617 31
Andover Electric Co.,	$4577 45	
Total expenditure,		$4577 45
Balance,		$ 39 86

Memorial Day

Appropriation, March 2d, 1903,		$225 00
M. L. Farnham, Adj.,	$225 00	
Total expenditure,		$225 00

Spring Grove Cemetery

Appropriation, March 2d, 1903,		$300 00
From sale of lots,		362 80
Taken from Lawrence Savings Bank,		173 84
		$836 64
Timothy Connell, labor,	45 75	
Philip Allicon, labor,	204 00	
Andover Press,	1 50	
Ernest Bulleion, labor,	79 63	
Henry A. Hayward, labor and plants,	33 05	
Moses Terrian, labor,	83 13	
Joseph Gernean, labor,	49 00	
Nazaire Bergeron, labor,	00 13	
Charles P. Rea., labor,	69 25	
Wm. H. Higgins, horse and carriage,	4 00	
A. P. Richardson, manure,	6 00	
F. H. Foster, labor,	4 50	
George W. Foster, recording deeds,	12 00	
O. W. Vennard, superintendent and labor,	104 00	
Smith & Manning, grass seed,	22 97	
Henry McLawlin, supplies,	4 60	
Morrison & O'Connell, repairs,	4 75	
Hardy & Cole, supplies,	5 25	
Herbert Allicon, labor,	13 13	
Total expenditure,		$836 64

Hay Scales

Appropriation, March 2d, 1903,		$50 00
Ira Buxton,	$27 00	
Total expenditure,		$27 00
Balance unexpended,		$23 00

Tree Warden

Appropriation, March 2d, 1903,		$500 00
James Donovan, labor,	$14 00	
Frank Maloney, labor,	66 83	
James Hunt, labor,	66 50	
Wm. Maloney, labor,	82 58	
Timothy Sullivan, labor,	15 75	
Henry McLawlin, supplies,	17 30	
Warren Tuck, labor,	68 25	
J. H. Playdon, use of horse and labor,	84 45	
Public Works, paving gutter,	1 38	
E. W. Spalding, maple trees,	30 05	
Treat Hardware Co., brush hooks, etc.,	4 50	
Joseph Pluff, labor,	3 00	
W. H. Tucker, labor,	45 50	
Total expenditure,		$500 09
Overdrawn,		$ 09

State Highway

S. A. Lovejoy, labor,	$ 169 39
Harry P. Abbott, labor,	205 15
James Putnam, labor,	238 00
Henry Hayward,	154 50
John Leary, labor,	80 89
Sam Levis, labor,	112 19
Tim Madden, labor,	111 71
Wm. Baker, labor,	117 97
Amount carried forward,	$1189 80

Amount brought forward,	$1189 80
James Dugan, labor,	95 16
Wm. Davis, labor,	103 44
Wm. Caffery, labor,	109 67
John Driscoll, labor,	78 45
Rex Haggerty, labor,	2 00
Leo Haggerty, labor,	6 00
Henry Gould, labor,	164 00
Hiram Carter, labor,	166 50
Arthur Flint, labor,	53 33
John O'Collins, labor,	69 50
John J. Collins, labor,	61 00
Wm. Tucker, labor,	149 75
Albert Hardy, labor,	4 50
Nathan Bailey, labor,	4 50
Wm. Hackett, labor,	169 00
Joseph I. Pitman, labor,	51 00
John Madden, labor,	33 11
John Griffin, labor,	5 25
Wm. Leary, labor,	65 72
Elmer Conway, labor,	57
Joseph Bourdelais, labor,	12 00
George Blood, labor,	5 00
Stephen E. Abbott, labor,	155 50
Ben Daniels, labor,	3 11
Cornelius Sullivan, labor,	60 47
Thomas James, labor,	87 51
John O'Brien, labor,	99 81
Bunt Baker, labor,	5 25
Jacob Towne, labor,	5 25
Charles Regan, labor,	36 36
Tom Harrington, labor,	52 50
Hugh Malcom, labor,	15 75
Dan Collins, labor,	5 25
Tim Sullivan, labor,	16 33
Amount carried forward,	$3142 34

Amount brought forward,	$3142 34	
Frank E. Gleason, coal,	234 50	
Samuel Smith, repairs,	2 00	
Watts Regulator Co., supplies,	1 40	
Tyer Rubber Co., supplies,	2 50	
Fred Byron, supplies,	7 27	
Anderson & Bowman, repairs,	10 00	
Good Roads Machinery Co., repairs,	9 00	
Boston & Maine, freight,	2 90	
Treat Hardware Co., supplies,	5 41	
Henry McLawlin, supplies,	18 52	
Ira Buxton, supplies,	1 35	
E. C. Pike, supplies,	4 94	
Hardy & Cole, lumber,	34 99	
John O'Brien, stone,	55 05	
Caroline Abbott, gravel and stone,	21 70	
Joseph T. Lovejoy, labor,	200 00	
S. H. Bailey, stone,	73 05	
W. H. Welch & Co., supplies,	51 52	
Henry A. Hayward, gravel,	100 00	
W. W. White, railing,	41 06	
A. J. Wellington, use of water cart,	20 00	
Tuttle's Express,	1 80	
A. M. Colby, painting,	2 25	
Total expenditure,		$4043 55

(Received from State Highway, $4214.36)

Street Bounds

Appropriation, March 2d, 1903,		$300 00
Alice C. Jenkins, copying records,	$ 63 00	
Clerk Essex County,	2 00	
Edward L. Perley, book,	10 00	
County Commissioners,	3 00	
Board of Public Works, surveying,	205 69	
Total expenditure,		$283 69
Balance unexpended,		$ 16 31

Town House Loan

Appropriation, March 2d, 1903,		$1700 00
George A. Parker, treasurer,	$1700 00	
Total expenditure,		$1700 00

Park Loan

Appropriation March 2d, 1903,		$1700 00
Geo. A. Parker, treasurer,	$1700 00	
Total expenditure,		$1700 00

Sinking Fund

Appropriation, March 2d, 1903,		$850 00
Geo. A. Parker, town treasurer,	$850 00	
Total expenditure,		$850 00

Board of Public Works, Maintenance

Appropriation, March 2d, 1903,		$7520 00
George A. Parker, town treasurer,	$7520 00	
Total expenditure,		$7520 00

Abatement of Taxes

Appropriation, March 2d, 1903,		$500 00
A. Marland,	$500 00	
Total expenditure,		$500 00

State Tax

Appropriation, March 2d, 1903,		$4000 00
Geo. A. Parker, treasurer,	$5760 85	
Total expenditure,		$5760 85
Overdrawn,		$1760 85

County Tax

Appropriation, March 2d, 1903,		$6000 00
E. K. Jenkins, county treasurer,	$5941 77	
Total expenditure,		$5941 77
Balance,		$ 58 23

Dog Tax

Received from County Treasurer,		$667 31
Frederic S. Boutwell, Treas. Memorial Hall,	$667 31	
Total expenditure,		$667 31

Phoebe F. Phillips Chapter, D. R.

Appropriation, March 2d, 1903,		$100 00
Mary E. Gleason, treasurer,	$16 50	
Total expenditure,		$ 16 50
Balance,		$ 83 50

Pine Street

Appropriation, March 2d, 1903,		$100 00
Loring L. Farnum,	$100 00	
Total expenditure,		$100 00

Small Pox Loan

Appropriation, March 2d, 1903,		$4700 00
George A. Parker, treasurer,	$4700 00	
Total expenditure,		$4700 00

Highways (Main St.) Loan

Appropriation, March 2d, 1903,		$3000 00
George A. Parker, treasurer,	$3000 00	
Total expenditure,		$3000 00

Phillips Academy Reimbursement of Taxes

Appropriation, March 2d, 1903,		$2701 28
George A. Parker, treasurer,	$2701 28	
Total expenditure,		$2701 28

Street Signs

Appropriation, March 2d, 1903,		$300 00
Hardy & Cole, posts and setting,	$113 40	
H. C. Hitchcock, painting,	15 80	
Total expenditure,		$129 20
Balance,		$170 80

Interest

Appropriation, March 2, 1903,		$11000 00
March 9th, John T. Kimball,	$ 225 00	
April 13th, John T. Kimball,	200 00	
June 8th, Fred S. Boutwell,	1400 00	
August 10th, John T. Kimball,	3123 13	
" " John F. Kimball,	358 00	
" " John T. Kimball,	168 75	
" " John T. Kimball,	292 50	
" " John T. Kimball,	721 87	
" " John T. Kimball,	210 00	
" " John T. Kimball,	120 00	
Oct. 12th, George A. Parker, treasurer,	507 50	
Jan. 12th, George A. Parker, treasurer,	2700 00	
" " Fred S. Boutwell,	358 00	
" " John T. Kimball,	410 62	
" " John T. Kimball,	322 82	
" " Newton Jaquith,	360 00	
Total expenditure,		$11478 19
Overdrawn,		$ 478 19

Insurance

Appropriation March 2d, 1903,		$650 00
Dividends,		100 80
Geo. A. Parker,	$345 74	
Barnett Rogers,	258 17	
Joseph A. Smart,	128 05	
Total expenditure,		$731 96
Balance unexpended,		$ 18 84

Notes Paid

August 10,	No. 142,	$27500 00
January 12,	No. 141, Newton Jaquith,	9000 00
November 9,	No. 143,	8000 00
November 9,	No. 144,	8000 00
November 16,	No. 145,	8000 00
November 16,	No. 146,	27500 00
November 10,	No. 147,	13000 00
November 9,	No. 148,	9000 00
November 16,	No. 149,	8000 00
January 12,	No. 150,	43500 00
Total,		$161500 00

Notes Given

1903, February 9,	Andover Nat. Bank, No. 143,	$ 8000 00
March 9,	Andover Nat. Bank, No. 144,	8000 00
April 13,	Andover Nat. Bank, No. 145,	8000 00
April 14,	Andover Nat. Bank, No. 146,	27500 00
May 11,	Andover Nat. Bank, No. 147,	13000 00
June 8,	Andover Nat. Bank, No. 148,	9000 00
July 13,	Andover Nat. Bank, No. 149,	8000 00
November 16	Andover Nat. Bank, No. 150,	43500 00
1904, January 12,	Newton Jaquith, No. 151,	9000 00
January 12,	Andover Nat. Bank, No. 152,	36500 00
Total,		$170500 00

Redemption of Bonds

Appropriation, March 2d, 1903,		$5192 50
George A. Parker, treasurer,	$5180 00	
Total expenditure,		$5180 00
Balance,		$ 12 50

State Aid

Appropriation, March 2, 1903,		$1600 00
Lavinia Alexander,	$ 48 00	
Edward A. Blanchard,	48 00	
Robert Bell,	72 00	
George Buchan,	48 00	
Lucy M. Buxton,	48 00	
Elizabeth R. Carter,	48 00	
Betsey J. Cheever,	48 00	
Samuel Cheever,	48 00	
Sarah M. Clark,	48 00	
Sarah H. Cummings,	48 00	
Elmore Dane,	54 00	
Augustus M. Davis,	48 00	
Rhoda Davis,	48 00	
Marian Davis,	48 00	
John S. Dearborn,	72 00	
Phebe Green,	48 00	
Albert Goldsmith,	8 00	
Susan M. Holt,	48 00	
Lizzie A. Johnson,	48 00	
Mary Kelley,	48 00	
Benjamin C. Lovejoy,	32 00	
Emeline L. Matthews,	48 00	
Bridget McCullough,	48 00	
Sarah McGuinness,	48 00	
James McDonald,	48 00	
Amount carried forward,	$1198 00	

Appropriation, March 2d, 1903,		$1600 00
Amount brought forward,	$1198 00	
John McCarthy,	66 00	
Sarah Mears,	48 00	
John P. Morgan,	36 00	
William B. Morse,	48 00	
Margaret Morrow,	48 00	
Emma Munn,	4 00	
Sarah E. Noyes,	24 00	
Edward Newcomb,	48 00	
Sophia Orcutt,	48 00	
Bridget Pasho,	8 00	
Edward D. Pearson,	48 00	
Frances H. Pearson,	48 00	
Martha Russell,	48 00	
Lavinia M. Robinson,	48 00	
John B. Shaw,	72 00	
Susan Shedd,	48 00	
Charles D. Woodbridge,	48 00	
Total expenditure,		$1936 00
Overdrawn,		$ 336 00

The State Aid is paid to disabled soldiers—(and their wives)—and soldiers' widows who draw pensions from the U. S. Government. It is paid upon the approval of the Commissioners of State Aid. The whole amount is repaid by the State.

Military Aid

Appropriation, March 2, 1903,		$250 00
Nathan H. Gray,	$ 40 00	
Joseph G. Nolan,	80 00	
Total expenditure,		$120 00
Unexpended,		$130 00

The Military Aid is paid to disabled soldiers who do not draw pensions. It is paid only upon the approval of the Commissioners of State Aid. One-half of the amount is repaid to the Town by the State.

Miscellaneous

Appropriation, March 2d, 1903,		$2200 00
C. H. Newton, inspecting cattle, (1902),	$164 00	
C. H. Newton,	52 00	
American Express Co.,	2 85	
E. H. Shattuck, posting notices,	3 00	
W. F. Gledhill, posting notices,	2 00	
W. H. Higgius, stabling and teams,	44 50	
George M. Lindsay, inspector of plumbing,	20 00	
H. S. Stillings, distributing license votes,	3 00	
Ira Buxton, sealer,	43 23	
George E. Hussey, rubber stamps,	65	
John A. Riley, attendance to registrars,	1 50	
Charles E. Abbott, M. D., (1902) returning births,	3 75	
Knox, Coulson & Currier, Mooar's case,	471 71	
B. F. Smith, jr., checker,	3 00	
Nesbit G. Gleason, checker,	3 00	
Michael Crowley, checker,	3 00	
Barnett Rogers, teller,	3 00	
E. L. Perley, Agt., railroad ticket,	17 25	
George D. Ward and others, fire ward,	30 50	
J. A. Leitch, M. D., fumigating,	51 55	
Howell F. Wilson, Board of Health five years,	175 00	
Allen Simpson and others, fire ward,	254 00	
Wm. G. Goldsmith, witness fees,	3 00	
Arthur Bliss, fumigators,	2 00	
New England Telephone Co.,	10 97	
Amount carried forward,	$1368 46	

Appropriation, March 2d, 1903,		$2200 00
Amount brought forward,	$1368 46	
A. P. Richardson, services at brush fires,	5 00	
J. H. Chandler estate and others, brush fires,	7 25	
Henry McLawlin, shovels and pails,	9 60	
George C. Dunnells and others, services brush fires,	233 50	
J. E. Pitman, repairs,	23 34	
M. T. Walsh, plumber examiner,	25 00	
J. Frank Morse, services at brush fires,	3 25	
Barnett Rogers, expense selling Holt District school-house,	10 00	
John Haggerty, watching fires,	2 50	
Horace Neal, watching fires,	2 50	
Joseph P. Nolan, plumber inspector,	84 00	
Knox, Coulson & Currier, town counsel,	203 00	
James C. Bond, licenses,	1 00	
F. S. Blanchard, year book,	3 00	
Frank H. Messer, returning deaths (1898–1902),	89 00	
Knox, Coulson & Currier, services in Mooar case,	215 00	
J. P. Torrey, M. D., returning births, (1902–1903),	9 00	
Vermont Farm Machine Co., sulphuric acid,	40	
J. P. Torrey, M. D., returning births,	3 00	
Tim Sullivan, digging drain,	8 94	
George M. Carter, fire ward,	5 25	
Tuttle's Express,	2 25	
J. A. Leitch, M. D., returning births,	6 50	
J. A. Leitch, M.D., attendance Nazaire Bergeron,	4 00	
C. E. Abbott, M. D., town physican,	200 00	
Amount carried forward,	$2524 74	

Appropriation, March 2d, 1903,		$2200 00
Amount brought forward,	$2524 74	
C. E. Abbott, express and sundries B. of H.,	24 00	
C. E. Abbott, vaccination,	12 00	
Arthur Bliss, supplies to B. of H.,	62 25	
J. A. Riley, supplies and repairs,	6 84	
Town of Tewksbury, stone boundary,	16 38	
C. W. Scott, M. D., returning births,	8 50	
Knox, Coulson & Currier, collecting sewer assessments,	100 00	
Total expenditure,		$2754 71
Overdrawn,		$ 554 71
Transferred balance from Printing,	$317 54	
" " " Phoebe F. Phillips Chapter,	83 50	
Transferred balance from Police,	155 70	
		$ 556 74
Balance,		$ 2 03

(Bills not paid, $2165.77)

SCHEDULE OF TOWN PROPERTY

Town House, fixtures, and furniture,	$25000 00	
Enginehouse, storehouse and barn,	14000 00	
1 Acre land,	6000 00	
		$45000 00
Memorial Hall,	25000 00	
3-4 Acre land,	4000 00	
		29000 00
Engine house, Ballard Vale,	3000 00	
1-3 Acre land,	250 00	
New Shed,	200 00	
		3450 00
Almshouse,	7000 00	
Barn and other buildings,	1500 00	
77 Acres land,	5000 00	
		13500 00
Punchard schoolhouse,	20000 00	
4 Acres land,	4500 00	
		24500 00
John Dove schoolhouse,	20000 00	
Stowe schoolhouse,	20400 00	
3 3-4 Acres land,	4000 00	
		44400 00
Bradlee schoolhouse, Ballard Vale,	12000 00	
1 Acre land,	500 00	
		12500 00
Richardson schoolhouse,	2000 00	
1 Acre land,	400 00	
		2400 00
Indian Ridge schoolhouse,	8000 00	
1 Acre land,	800 00	
		8800 00
West Centre schoolhouse,	1500 00	
1-2 Acre land,	150 00	
		1650 00
Amount carried forward,		$185200 00

Amount brought forward,		$185200 00
North District schoolhouse,	1000 00	
1-2 Acre land,	50 00	
		1050 00
Abbott District schoolhouse,	300 00	
1-2 Acre land,	25 00	
		325 00
Bailey District schoolhouse,	800 00	
1-2 Acre land,	50 00	
		850 00
Osgood District schoolhouse,	800 00	
1-2 Acre land,	50 00	
		850 00
Scotland District schoolhouse, burned,		
1-4 Acre land,	50 00	
		50 00
Old schoolhouse, Ballard Vale,	2500 00	
1-4 Acre land,	500 00	
		3000 00
9 Acres land, Indian Ridge, (gravel pit)		4000 00
41 3-4 Acres land, Spring Grove Cemetery,	5800 00	
Receiving tomb,	1200 00	
		7000 00
36 1-2 Acres land, Carmel Woods Reservation,		3600 00
173,751 sq. ft. Land, Central Park, (Richardson Field)		9500 00
Andover Board of Public Works—		
Pipe lines and fountains,	165150 00	
Pumping station and buildings	30000 00	
Coal shed,	700 00	
3 Acres land,	800 00	
Amounts carried forward,	$196650 00	$215425 00

Amounts brought forward,	$196650 00	$215425 00
Reservoir,	10000 00	
3 1-2 Acres land,	350 00	
Sewer system,	122000 00	
Work shop,	1000 00	
47,476 sq. ft. Land, Storage Yard,	3000 00	
		333000 00
Punchard School Fund,		75200 00
Memorial Hall, Permanent Fund,		20000 00
Memorial Hall Library, John Cornell Fund,		7700 00
Memorial Hall Library, John Byers Fund,		10000 00
Memorial Hall Library, Edward Taylor Fund,		500 00
Memorial Hall Library and furniture,		9000 00
Memorial Hall Library, Woman's Christian Temperance Union,		100 00
Personal property at Town Farm,		4550 00
Two Steam Fire-engines and apparatus,		6250 00
One Hand-engine and apparatus,		200 00
Two Hook and Ladder Trucks,		1650 00
Three Hose Wagons,		800 00
Eight Horses and Harnesses,		800 00
Stone Breakers and Engine,		3200 00
Carts, Harnesses, and Tools,		500 00
Hay Scales,		350 00
Safes in Town House,		700 00
Weights and Measures,		325 00
Steam Road Roller,		3000 00
Total,		$693,250 00

OVERSEERS OF THE POOR

The Almshouse is in its usual good condition both as to its physical condition and its management. Mr. and Mrs. Burnham are in their eleventh year of service and give as great satisfaction as ever. The condition of the inmates testify to their good care, and a cordial invitation is extended to the people of the Town by the Overseers of the Poor, to come and inspect the Town Farm.

Almshouse Expenses

Appropriation, March 2d, 1903,		$5000 00
George L. Burnham, superintendent,	$800 00	
Thomas Donovan, labor,	156 50	
Helen Barry, labor,	208 00	
Ella Shattuck, labor,	76 50	
J. P. Wakefield, provisions,	307 31	
Smith & Manning, groceries,	508 01	
Oakdale M'f'g Co., groceries,	31 10	
T. A. Holt & Co., groceries,	858 15	
Henry McLawlin, hardware,	83 01	
E. W. Pierce, grain,	266 89	
Andover Electric Co., lighting,	81 26	
Bowman & Vaughan, groceries,	59 98	
B. F. Holt, ice,	60 00	
Morrison & O'Connell, blacksmith work,	28 00	
Valpey Bros., provisions,	206 56	
D. Donovan, trading cows,	261 00	
R. H. White & Co., dry goods,	18 15	
Ira Buxton, labor,	10 49	
W. H. Higgins, supplies,	4 00	
F. E. Gleason, coal,	535 00	
Amount carried forward,	$4559 91	

Appropriation, March 2d, 1903,		$5000 00
Amount brought forward,	$4559 91	
Wright Stafford & Son, labor,	5 25	
E. C. Pike, supplies,	89 96	
Joseph Breck & Son, seeds,	5 50	
New England Telephone Co., use of telephone,	5 11	
T. J. Farmer, fish,	59 81	
Anderson & Bowman, blacksmith work,	56 70	
A. McDonald, blacksmith work,	115 90	
Globe Co.,	8 40	
Joseph Moulton, labor,	129 00	
Edward Houston, labor,	50 00	
A. M. Colby, painting,	40 90	
George L. Averill, fertilizer,	42 00	
Hardy & Cole, carpenter work,	75 29	
Putnam & Co., supplies,	28 61	
C. S. Buchan, furniture work,	8 34	
J. W. Barnard & Son, shoes,	2 50	
F. A. Warren, clothier and furnisher,	14 75	
M. E. Austin & Co., hardware,	13 30	
J. H. Playdon, supplies,	5 00	
John Maddox, supplies,	12 50	
Loring N. Farnham, supplies,	7 15	
George Boutwell, tomato plants,	2 50	
Reid & Hughes, dry goods,	91 77	
Henry Paul, labor,	29 00	
F. P. Higgins, baker,	30 94	
Currier & Campion, groceries,	10 91	
William H. Welch & Co., plumbing,	29 79	
B. H. Farnum, trading cows,	70 00	
Thomas H. Bentley, painting,	11 00	
J. E. Whiting, supplies,	2 25	
Beach Soap Co., soap,	14 40	
L. H. Eames, provisions,	9 00	
Andover Press, supplies,	2 00	
Amount carried forward,	$5639 44	

Appropriation, March 2d, 1903,		$5000 00
Amount brought forward,	$5639 44	
Nathaniel Gage, wood,	20 00	
B. Frank Smith, pasturing stock,	21 50	
Fred Vaughn, groceries,	24 45	
Lawrence Gas Co., lighting etc.	60 87	
Harris Bros., new Milch cow,	55 00	
Buchan & Francis, furniture and labor,	7 00	
L. C. Swain, trading cows,	33 50	
Arthur Bliss, medicine,	45 40	
George Cheever, shoes,	36 65	
Benjamin Brown, shoes,	19 35	
Mullen, Murch & Peabody, supplies,	6 09	
Bicknell Bros., clothing,	12 79	
G. H. Kittredge, crockery,	2 11	
A. W. Caldwell, painting,	5 10	
William J. Munroe, labor,	5 25	
H. N. Towne, wood,	47 70	
Total expenditure,		$6042 20
Overdrawn,		$1042 20

Almshouse Repairs

Appropriation, March 2d, 1903,		$600 00
Wm. H Welch & Co., plumbing,	$77 75	
Frank E. Dodge, mason work,	33 48	
A. W. Caldwell, painting,	12 64	
Erwin C. Pike, steam boiler,	400 00	
Hardy & Cole, shingling,	76 13	
		$600 00

Relief out of Almshouse

Appropriation, March 2d, 1903,		$5000 00
James Grieves,	$ 6 00	
Charles Smith,	65	
Amount carried forward,	$6 65	

Appropriation, March 2d, 1903,		$5000 00
Amount brought forward,	$6 65	
Ann Ahearne,	48 00	
Frank McCuskar,	6 00	
Isabella Barnett,	25 00	
Samuel O. Cheever,	6 00	
Annie Warden,	48 00	
Willie Davis,	13 00	
S. M. Embleton,	36 00	
Mrs. L. M. Mason,	159 00	
Fannie White,	16 75	
Joseph Gorst,	42 29	
Eliza Fleming,	72 98	
Jane Campbell,	60 00	
John Greene,	104 00	
Joseph R. Blood,	19 05	
Frank Goodwin,	4 00	
Mrs. Wm. B. Osgood,	60 00	
Annie Qualey's child,	60 00	
Mrs. Thomas Wilkie,	21 58	
Margaret Sturrock,	72 00	
Mary Comber,	96 00	
Michael Heffron,	72 00	
Laura Hammond,	4 00	
Inez Thorning,	48 00	
Dennis J. Carey,	97 05	
Mrs. Mary Holland,	121 38	
Enoch Gibbs,	23 00	
Jane Cronin,	120 00	
Kate Rogers,	64 00	
Mary Lord,	120 00	
John D. Lynch,	197 25	
Mrs. Dennis Connors,	6 00	
Elizabeth Derby,	72 00	
Richard Williamson,	11 50	
Amount carried forward,	$1932 48	

Appropriation, March 2d, 1903,			$5000 00
Amount brought forward,	$1932 48		
Mrs. McCready,	127 25		
Hubert Allicon,	170 50		
Unknown man,	3 00		
Mrs. John Adams,	95 00		
Mrs. Lyle,	5 00		
Dr. Abbott, town physician,	231 00		
		$2564 23	

Soldiers' Relief

Albert Goldsmith,	$ 4 00	
John McCarthy,	48 00	
Mary Russell,	48 00	
Betsey J. Cheever,	72 00	
Mary Platt,	54 00	
Lucy M. Buxton,	72 00	
Elizabeth R. Carter,	72 00	
Emma Shattuck,	125 75	
Robert Bell,	72 00	
Jane Lindsay,	220 55	
Elmore Dane,	149 40	
		$937 70

Amount Due from Cities and Towns

Cambridge, Mrs. Arrington,	$225 84	
Boston, Johanna O'Hara,	84 00	
Lawrence, Patrick Clark,	72 00	
Lowell, Lizzie Carroll,	57 45	
Malden, Annie J. Colbath,	35 00	
		$ 474 29

Amount Due from Cities and Towns, Soldiers' Relief

Tewksbury, Sophia Orcutt,	$106 49	
		$106 49
Amount carried forward,		$4082 71

Appropriation, March 2d, 1903,			$5000 00
Amount brought forward,		$4082 71	

Amount Due from Commonwealth

John McCallion,	$ 25 00	
Mrs. Minnard,	2 35	
		$27 35

Amount Paid Cities and Towns

Stoughton, Mary B. Lord,	$117 40	
Danvers, Dexter Abbott's family,	318 64	
Middleboro, Joseph Lord's family,	168 00	
Methuen, James Purr, 1901,	158 10	
		$762 14

Amount Paid Cities and Towns, Soldiers' Relief

Rockland, Sarah D. Noland,	$ 60 00	
Woburn, Mrs. B. F. Upton,	72 00	
Boston, Adaline Nolan,	47 00	
		$179 00

Lunatic Hospitals

Medfield, Charles L. Holt,	$20 00	
State Farm, Henry Burns,	146 00	
State Farm, William Driscoll,	146 00	
State Hospital, Hugh McCrossan,	30 51	
State Hospital, Mary A. Peterson,	146 00	
Worcester, Charles McClenna,	90 53	
Danvers, Olga Mayer,	169 46	
Danvers, William B. Osgood,	169 46	
Danvers, Bridget Dwane,	169 46	
Amounts carried forward,	$1087 42	$5051 20

Appropriation, March 2d, 1903,			$5000 00
Amounts brought forward,	$1087 42	$5051 20	
Danvers, John Daley,	169 46		
Danvers, Mary Graham,	182 47		
Danvers, Mary Riley,	169 47		
Danvers, Mary O'Connor,	169 47		
Danvers, William B. Auty,	33 43		
State Hospital, Bridget Hayes,	121 60		
		$1933 32	
Total expenditure,			$6984 52
Amount overdrawn,			$ 1984 52

Respectfully submitted,

FRANK B. SMITH,
SAM'L H. BOUTWELL,
SAMUEL H. BAILEY,
Overseers of Poor.

SUPERINTENDENT'S REPORT

Total number of paupers beginning the year,	21
Number admitted,	2
Number died,	3
Number discharged,	2
Present number,	18
Total number during year,	23
Whole number of weeks board,	1115
Cost per week for each,	$2 17
Number of tramps,	45

Remaining in Almshouse

Between seventy and eighty,	6
Between sixty and seventy,	4
Between fifty and sixty,	5
Between forty and fifty,	1
Between twenty and thirty,	1
Between one and ten,	1
Total,	18

Personal Property at Almshouse

Household furniture,	$1100 00
Clothing,	500 00
Farm stock,	1275 00
Farm tools,	750 00
Farm produce,	675 00
Fuel,	150 00
Provisions,	100 00
Total,	$4550 00

Superintendent's Farm Report

Dr.

To cash received for	
Hay, due from 1903,	$ 106 20
Hay, 1903,	197 44
Vegetables,	349 98
Milk,	2724 65
Eggs,	58 68
Labor,	26 50
Empty barrels,	7 30
	$3470 75
Due for milk,	100 00
Due for Hay,	49 14
Total,	$3619 89

Cr.

By cash paid Town Treasurer,	$3470 75

GEORGE L. BURNHAM, Supt.

Andover, Mass., Jan. 20, 1904.

FIRE DEPARTMENT

REPORT OF CHIEF ENGINEER

To the Board of Selectmen:

Gentlemen—In compliance with the regulations of the Fire Department, I submit the following report:

The force consists of three engineers, eighteen members of Steamer Co. No. 1 and Hook and Ladder Truck, and ten members of the J. P. Bradlee Co. No. 2.

The apparatus consists of two third-class steam fire engines, two two-horse hose wagons, one one-horse hose wagon, two hook and ladder trucks. There are about five thousand feet of hose in good condition.

Schedule of Property

Two Engine houses and shed,	$16000 00
Two steam fire engines and apparatus,	5000 00
Eight horses and harnesses,	1200 00
One ladder truck,	250 00
One ladder truck,	1400 00
Three hose wagons,	800 00
Hand engine,	200 00
Total,	$24850 00

There have been seven bell alarms, eight false alarms, sixteen still alarms, and eleven brush fires the past year.

Value of building and contents where fire occurred,	$48650 00

Insurance on building and contents where fire occurred,	39200 00
Loss on building and contents where fire occurred,	2926 00

I recommend an appropriation of $3500 for the running expenses and care of fire alarm for the ensuing year.

Respectfully submitted,

LEWIS T. HARDY,

Feb. 5th, 1904. *Chief Engineer.*

POLICE DEPARTMENT

REPORT OF CHIEF OF POLICE

ANDOVER, Jan. 1st, 1904.

TO THE BOARD OF SELECTMEN:

Gentlemen, — In accordance with the regulations of the Police Department, I submit my fourth annual report.

Whole number of arrests from Jan. 1st, 1903, to Dec. 31st, 1903, forty-nine, as follows:

Arrests

Assault and Battery,	6	
Assault, simple,	3	
Disturbing the Peace,	3	
Larceny,	10	
Insane,	4	
Malicious Mischief,	1	
Bastardy,	1	
Violation of Town By-Laws,	3	
Drunkenness,	12	
Peddling without a License,	1	
Safe Keeping,	1	
False Alarm of Fire,	1	
Assault with Intent to Murder,	1	
Discriminating,	1	
Violation Liquor Law,	1	
Whole number of arrests,		49

Disposed of as follows:

Placed on file,	6	
Committed to Lyman School,	1	
Committed to Tewksbury,	2	
Committed to Danvers,	4	
Committed to State Farm,	2	
Discharged,	9	
Paid fines,	19	
Committed to Jail,	2	
Bound over to Superior Court,	4	
		49

Miscellaneous

Burglaries reported,		5
Value of property stolen,	$200 00	
Value of property recovered,	50 00	
Value of Equipments of Andover Police,	275 00	
Fines Paid Town Treasurer,	160 00	
Persons locked up,		23

I would recommend two more night officers.

Respectfully submitted,

WILLIAM L. FRYE,

Chief of Police.

CEMETERY COMMITTEE

The Cemetery Committee herewith submit their annual report of the receipts and expenditures for the year 1903.

During the past year the usual work of clearing the avenues and walks has been carefully attended to and the cemetery has been put in a condition that reflects much credit on the Superintendent. The newly laid out plat in the southern part of the cemetery must now be put in condition for burial purposes, and in order that this may be satisfactorily done, more money, than the usual appropriation, must be appropriated to carry out the plan of the engineer who has laid out the work. There are but few lots in the older part of the cemetery, and your Committee are obliged to prepare the southern portion for interments.

We therefore ask for an appropriation of $600.00 and the proceeds from the sale of lots for the ensuing year.

JOHN L. SMITH,
F. G. HAYNES,
CHAS. GREENE,
GEO. W. FOSTER,
OLIVER W. VENNARD,
GEORGE D. MILLETT,
JOHN W. BELL,

Cemetery Committee.

February 10, 1904.

Report of Superintendent of Spring Grove Cemetery

Appropriation, March 2d, 1903,	$300 00	
Sale of lots,	362 80	
Received from Cemetery Fund,	173 84	
		$836 64
Phillip Allicon, labor,	$204 00	
Timothy Connell, labor,	45 75	
Ernest Bullieu, labor,	79 63	
Moses Terrian, labor,	83 13	
Joseph Gernan, labor,	49 00	
N. Bergeron, labor,	90 13	
H. Allicon, labor,	13 13	
H. A. Hayward, labor and plants,	33 05	
Andover Press, printing,	1 50	
Chas. P. Rea, labor and teams,	69 25	
A. P. Richardson, manure,	6 00	
W. H. Higgins, teams,	4 00	
F. H. Foster,	4 50	
George W. Foster, deeds,	12 00	
Smith & Manning, supplies,	22 97	
Morrison & O'Connell, sharpening drills, etc.,	4 75	
Henry McLawlin, supplies,	4 60	
Hardy & Cole, supplies,	5 25	
O. W. Vennard, Supt., and labor,	104 00	
Total expenditure,		$836 64

Lots sold as per last report,	303	
Lots sold this year,	9	
Total number of lots sold,		312
Whole number of single graves sold,		72
Interments as per last report,	677	
Interments this year,	31	
Total number of interments,		708

Respectfully submitted,

O. W. VENNARD,

Superintendent.

PARK COMMISSIONERS' REPORT

The work of the Commissioners during the past year has been limited to very narrow lines by the small amount of money available.

There are now under the control of the Park Commissioners, besides several smaller plats, three pieces of land the full development of which means much for the future beauty of the town. Two of these, the Carmel Woods and the "Common" are owned by the town; the other, the new playstead back of the schools is being purchased by private subscriptions and is held by the Park Commissioners in trust.

Plans for the planting and other improvements on the "Common" are now in the hands of the Commissioners and it would seem to be very important that work should begin in the improvement of this spot at an early date.

The expenses of the year has been as follows:

Appropriation, March 2d, 1903,		$500 00
Expended in Carmel Woods,	$36 75	
Expended on "Common," tools and labor,	161 51	
Paid J. H. Curtis, Landscape Engineer, on account for plan for "Common,"	250 00	
		$448 26
Unexpended,		51 74
		$500 00

Respectfully submitted,

CHARLES L. CARTER,
JOHN N. COLE,
T. FRANK PRATT,
} *Park Commissioners.*

TREE WARDEN'S REPORT

During the past year our work has been confined mostly to trimming up the roads in the outskirts of the town, which were badly overgrown with underbrush and in some places almost impassable. Work has been done on Summer street, Haverhill street, Lowell street, Brundrett avenue, Chandler road, Reservation street, Beacon street, Wood Hill road, Tucker road, Salem street, Prospect Hill road, Greenwood road and High Plain road, in all about 25 miles of road have been trimmed up. During the early Spring storms six trees were uprooted and several were badly broken in the outskirts and had to be removed for the safety of the public. Sixty-five shade trees were planted in various parts of the town. In closing my report I would ask that the sum of five hundred dollars ($500) be appropriated that the work may be carried on.

Respectfully submitted,

J. H. PLAYDON,

Tree Warden.

ASSESSORS' REPORT

We herewith submit our Annual Report:

Number of male polls assessed,		1691
Personal estate,	$1,429,955 00	
Real estate,	4,302,125 00	
		$5,732,080 00
Poll-tax,	$ 3,382 00	
Tax on personal property,	22,879 28	
Tax on real estate,	68,834 00	
		$95,095 28

Rate of Tax per $1000, $16.00

Number of	
Horses assessed,	704
Cows assessed,	1017
Cattle other than cows assessed,	217
Swine assessed,	364
Fowl assessed,	3700
Dwellings assessed,	1163
Acres of land assessed,	18341

B. FRANK SMITH,
SAMUEL H. BOUTWELL,
SAMUEL H. BAILEY,
} *Assessors of Andover*

ACCOUNT OF
TAX COLLECTOR

Abraham Marland in account with the Town of Andover.

DR.

Amount due Town as by report Jan. 14, 1903,		$38,556 09
Assessors' list 1903,		93,202 30
Andover National Bank tax,		2,200 00
		$133,958 39

CR.

Amount collected,	$93,648 33	
Amount abated,	500 00	
Uncollected,	39,810 06	
		$133,958 39
Interest on taxes,		$559 88

ABRAHAM MARLAND,

COLLECTOR.

Andover, January 12, 1904.

Note.—Collected in addition to above since books were closed, $4,025.08.

TREASURER'S ACCOUNT

FINANCIAL STATEMENT

Liabilities

Tax Notes,	$ 45500 00
Water Bonds, 4 per cent ($5000.00 due 1904),	130000 00
Water Bonds, 3 1-2 per cent ($1000 due 1904),	29000 00
Sewer Bonds, 4 per cent,	85000 00
Sewer Bonds, 3 1-2 per cent, (due 1904),	30000 00
Memorial Hall Notes,	25000 00
Park Loan, (due 1904),	1700 00
Town House Loan ($1700 due 1904),	5100 00
	$351300 00

Assets

Cash, General Fund,	$1514 08	
Cash, Sewer Department,	8587 08	
Cash, Waterworks,	609 41	
		$10710 57
Uncollected Taxes,	$39810 06	
Concreting,	750 32	
Street Watering,	433 80	
		$40994 18
Commonwealth, State Aid,	1936 00	
Commonwealth, Military Aid,	60 00	
Commonwealth, Pauper Acct.,	27 35	
Cities and Towns, Relief Acct.,	580 78	
Sinking Funds,	57634 69	
Sewer Assessments,	18992 21	
		$79231 03
Net Liabilities,		$130935 78
Balance against Town,		$220364 22
		$351300 00

GEORGE A. PARKER, Treasurer, in

Dr.

Balance Jan., 1903,	$ 1800 66
Commonwealth, Bank Tax,	5075 52
Commonwealth, Corporation Tax,	11443 48
Commonwealth, Street Railway Tax,	1294 62
Commonwerlth, Burial Pauper,	15 00
Commonwealth, Contagious Disease,	162 03
Commonwealth, State Highway,	4214 36
Commonwealth, Military Aid,	112 00
Commonwealth, State Aid,	1947 00
Andover National Bank, Notes Discounted,	161500 00
Newton Jaquith, Note,	9000 00
A. Marland, Collector Taxes,	93648 33
A. Marland, Collector, Interest,	559 88
A. Marland, Collector, street watering,	1162 38
A. Marland, Collector, concreting,	230 53
A. Marland, Town Clerk, fees,	32 50
A. Marland, Town Clerk, licenses,	20 00
A. Marland, Collector, abatement of taxes,	500 00
Liquor Licenses,	4 00
Circus and Pedlers' Licenses,	17 00
Water Rates,	11563 49
Spring Grove Cemetery, lots sold,	362 80
Lawrence Savings Bank, Cemetery Fund,	173 84
Almshouse,	3470 75
Town Hall,	339 25
Cities and Towns, Pauper account,	252 63
Relief Out, refunded,	243 95
Boston & Northern Street Railway, State Highway,	12 77
Boston & Northern Street Railway, Stone Dust,	12 00
Boston & Northern Street Railway, Removing Snow,	181 35
Boston & Northern Street Railway, Gutters,	15 50
Boston & Northern Street Railway, Macadam,	1087 42
Boston & Northern Street Railway, Crossings,	15 00
Boston & Northern Street Railway, Excise Tax,	1433 88
Ballardvale Rents,	150 00
J. A. Smart, Agent, Dividends,	103 40
Lawrence Gas Co., Gravel,	7 00
E. K. Jenkins, County Treasurer, Dog Tax,	667 31
G. E. Hussey, Milk Licenses,	11 50
City of Boston, Supplies,	10 00
Amount carried forward,	$312853 13

account with the Town of Andover

Cr.

Selectmen's Orders Paid:	
Schools,	$28098 74
Schoolhouses,	1999 91
Books and Supplies,	1999 49
Town Officers,	5465 50
Town House,	4099 22
Fire Department,	3987 90
Miscellaneous,	2754 71
Printing and Stationery,	1182 46
Street Lighting,	4577 45
Memorial Hall, Dog Tax,	667 31
Interest,	11478 19
Maintenance,	7520 00
Spring Grove Cemetery,	836 64
Notes Paid,	161500 00
Hay Scales,	27 00
Insurance,	731 96
New Street,	100 00
Memorial Day,	225 00
Sinking Funds,	850 00
Redemption of Bonds,	5180 00
Park,	448 26
Police,	2244 30
Public Dump,	35 20
State Tax,	5760 85
County Tax,	5941 77
Punchard School,	1800 00
Town House Loan,	1700 00
Small Pox Loan,	4700 00
Main Street Loan,	3000 00
Park Loan,	1700 00
Horses and Drivers,	4774 05
Highways and Bridges,	6896 02
Macadam,	4226 86
Snow,	509 33
Sidewalks,	837 00
Tree Warden,	500 09
Revolutionary Markers,	16 50
Street Bounds,	283 69
Abatement of Taxes,	500 00
Amount carried forward,	$289155 40

GEORGE A. PARKER, Treasurer, in

Dr.

Amount brought forward,	$312853 13
B. F. Morse, Holt School House,	85 00
North Reading, Tuition,	45 00
Geo. Goldsmith, Macadam,	60 00
Shed, Holt District,	15 00
Park Commissioners,	7 24
Geo. H. Poor, Esq., Fines,	165 00
Hay Scales,	40 00
Estate Mary Gout, Refund,	22 35
E. R. Eastman, Rent,	4 50
J. B. Witham, Stone Dust,	15 00
E. K. Jenkins, Gravel,	3 00
Mrs. M. M. Holt,	3 00
Gravel,	35 00
Dr. Leitch, Refund,	3 00
H. G. Waite, Road Roller,	1 50
Wm. Wood, Road Roller,	36 00
Old Junk,	1 23
One Broom,	75
	$313,395 70

account with the Town of Andover

Cr.

Amount brought forward,	$289155 40
Phillips Academy, Abatement of Tax,	2701 28
Street Signs,	129 20
State Highway,	4043 55
	$296029 43
Overseers' Orders:	
Relief Out,	7153 99
Almshouse Expenses,	6042 20
Repairs on Almshouse,	600 00
State Aid,	1936 00
Military Aid,	120 00
	$15852 19
Balance on hand,	1514 08
	$313395 70

Water Department

Dr.

Balance, January, 1903,	$1472 29	
Town, Redemption of Bonds,	5180 00	
Town, Maintenance,	7520 00	
Town, Interest,	6330 63	
Interest on Bonds sold,	31 12	
Bonds Sold,	2000 00	
Service-pipe,	2908 59	
		$25442 63

Cr.

Orders paid,	$12398 22	
Interest on Bonds,	6435 00	
Bonds cancelled,	6000 00	
Balance,	609 41	
		$25442 63

Sewer Department

Dr.

Balance, January, 1903,	$2638 54	
Common Sewer,	207 95	
Pipe sold,	14 45	
Loam sold,	6 00	
Sinking Fund, Redemption of Bonds,	10000 00	
Sewer Connections,	714 75	
Sewer Assessments,	15092 73	
Interest on Sewer Assessments,	1610 47	
Interest on Deposit,	138 11	
		$30423 00

Cr.

Orders paid,	$2146 61	
Interest on Bonds,	4630 00	
Paid Sinking Fund,	5006 81	
Rebate on Sewer Connections,	52 50	
Bonds Redeemed,	10000 00	
Balance,	8587 08	
		$30423 00

Memorial Hall Notes

Dr.

Balance, Jan. 1903,	$1682 94	
Received from Town,	100 00	
Broadway Savings Bank, Interest,	24 48	
Andover Savings Bank, Interest,	3 52	
Lowell Institution for Savings, Interest,	37 50	
		$1848 44

Cr.

Deposited Broadway Savings Bank,	$ 630 48	
Deposited Lowell Institution for Savings,	1037 50	
Deposited Andover Savings Bank,	180 46	
		$1848 44

Edward Taylor Fund

Dr.

Balance, January 1903,	137 29	
Andover Savings Bank Interest,	5 54	
		$142 83

Cr.

Deposited in Andover Savings Bank,		$142 83

Frye Village School Fund

Dr.

Balance, January, 1903,	$1081 08	
Andover Savings Bank, Interest.	43 46	
		$1124 54

Cr.

Paid Haywood Bros.,	$10 42	
Paid A. Kaiser,	11 00	
Deposited Andover Savings Bank,	1103 12	
		$1124 54

Spring Grove Cemetery Fund

Dr.

Balance, January, 1903,	$349 53	
Lawrence Savings Bank, Interest,	14 10	
		$363 63

Cr.

Amount Withdrawn,	$173 84	
Balance in Lawrence Savings Bank,	189 79	
		$363 63

Draper Fund

Dr.

Received from W. F. Draper,	$1000 00

Cr.

Deposited in Andover Savings Bank,	$1000 00

Cemetery Fund

Dr.

Trust Funds for care of Cemetery Lots,	$4583 30	
		$4583 30

Cr.

Deposited Andover Savings Bank,	$4383 30	
Two Shares Andover Nat. Bank,	200 00	
		$4583 30

GEO. A. PARKER,
Treasurer.

Andover, Jan. 21, 1904.

AUDITORS' CERTIFICATE.

We have examined the accounts of the several Town Officers and find them correctly cast, with satisfactory vouchers for all payments.

The Town Treasurer has on deposit in the Andover National Bank and cash on hand $1,514.08. Also $609.41 to the credit of the Water Loan and $8,587.08 to the credit of the Sewer Loan.

GEORGE A. HIGGINS,
CHARLES B. JENKINS,
NESBIT G. GLEASON,
Auditors.

LIST OF JURORS

TOWN OF ANDOVER, 1904

Averill, George L.	Farmer
Bailey, David M.	Rubber worker
Bailey, Frank E.	Farmer
Barton, Elisha R.	Machinist
Bodwell, Horace C.	Rubber worker
Bowman, Charles	Blacksmith
Boutwell, Chester N.	Farmer
Boutwell, Samuel H.	Farmer
Brown, George A.	Clerk
Buchan, John S.	Plumber
Burnham, George L.	Farmer
Burns, William J.	Merchant
Carter, George M.	Farmer
Chase, Herbert F.	Merchant
Chase, Omar P.	Merchant
Clinton, John H.	Janitor
Cole, Roscoe K.	Carpenter
Cropley, William W.	Farmer
Cutler, Abalino B.	B. & M. Car Shop
Daley, James E.	Rubber worker
Dear, Alexander	Farmer
Dick, Alexander L.	Overseer
Davey, John	Switchman
Donald, Walter S.	Manufacturer
Donovan, Charles E.	Painter
Donovan, Patrick	R. R. foreman
Eames, Harry M.	Farmer
English, Patrick	Blacksmith
Fallows, John Jr.,	Metal polisher

Flint, George E.	Farmer
Flynn, Thomas B.	Rubber worker
Gray, Ira O.	Carpenter
Gledhill, William F.,	Janitor
Grosvenor, James	Retired
Hardy, E. Gerry	Farmer
Hardy, Albert A.	Farmer
Hardy, Edward S.	Farmer
Hanson, Sylvester W.	Farmer
Haynes, Roy M.	Clerk
Higgins, Fred W.	Stable
Hayward, Henry A.	Farmer
Hilton, Henry	Operative
Holt, Maurice G.	Carpenter
Horan, Thomas J.	Operative
Hulme, Samuel P.	Photographer
Hurley, John F.	Carpenter
Hussey, George E.	Clerk
Jackson, Arthur R.,	Clerk
Jenkins, Charles B.	Clerk
Knight, Isaac M.	Horseman
Leslie, David C.	Flax Dresser
Livingston, William	Farmer
Livingston, Charles W.	Farmer
Lovejoy, S. Arthur	Farmer
Matthews, Clester E.	Wool Sorter
May, James S.	Painter
McDonald, James	Rubber worker
Moody, A. Herbert	Carpenter
Morse, John F.	Farmer
Mott, Albert W.	Machinist
Murphy, Charles H.	Barber
Newton, Charles H.	Farmer
Newton, Fred	Operative
Newcomb, Joel E.	Operative
Nice, John	Florist

Noyes, John L.	Farmer
Peters, Thomas	Operative
Pearson, Walter B.	Operative
Pitman, John E.	Carpenter
Platt, Thomas W.	Carpenter
Poland, Austin S.	Carpenter
Poor, Daniel H.	Wool sorter
Putnam, James N.	Farmer
Reed, Richard C.	Painter
Saunders, Leonard G.	Clerk
Schneider, Louis H.	Moulder
Shaw, George	Retired
Shaw, Benjamin	Operative
Stack, John,	Janitor
Stiles, George W.	Carpenter
Stott, Thomas E.	Wool sorter
Swanton, Fred A.	Milk Dealer
Symonds, Frederick	Farmer
Thomes, Samuel	Carpenter
Thayer, Samuel	Farmer
Tough, Alvin E.	Clerk
Tuck, M. Warren	Carpenter
Walker, Walter	Carpenter
Watson, Robert A.	Farmer
Way, Clarence J.	Farmer
Whittier, John O.	Farmer

B. FRANK SMITH,
SAMUEL H. BOUTWELL,
SAMUEL H. BAILEY.

Selectmen of Andover.

STREET BOUNDS

To the Honorable Board of Selectmen—

Acting at your request I have attended to investigating the matter of street bounds for the Highways of Andover and submit the following report.

As in all other matters the first requisite was the obtaining of positive knowledge of existing facts in relation to the Highways; and the major part of the labor performed has been in that line.

Both County and Town records were found to be in a rather chaotic condition; in many cases the records are imperfect, improperly indexed or no index at all. The first duty therefore was to bring the records into some sort of order. With the advice and consent of your Board the records of County Highways in Andover were transcribed by Miss Alice C. Jenkins and are now on file in the Town House; the Town records relating to Town Highways have been indexed and the County Highways carried to the same index so that a street record can be found indexed under its present name.

The layout of streets as shown by the records has been compared with the present location of street lines as shown by surveys recently made wherever notes of such surveys are on file. New surveys have been made of Central, High, School, Stevens and North Main streets, and in addition street lines have been located on Highland Road, Phillips and Whittier streets.

A study of the records and comparison of Street lines as they are given with lines as at present located shows a woeful state of affairs. Landmarks which may have been sufficient at the time the layout was made have entirely disappeared. Previous to A. D. 1728 the length of the lines

or the angles are not recorded, for example a street may be recorded as beginning at a marked tree on land of A. thence running to a great stone on land of B. thence as stakes are set on either side to a Highway. From 1728 to 1759 the length of the lines appear but no directions or angles appear on the records; since 1759 the records show that actual surveys of the streets were made but no care seems to have been taken to establish or maintain permanent landmarks. In making an attempt to establish street lines where anything like reliable data is obtainable it is found that in many cases the street has not been built as laid out or has been encroached upon until it becomes a question as to whether it is better to take the old layout or have the Town accept a new one.

To remedy this condition I would suggest that the Town might instruct the Selectmen, to relocate such of the street lines of the Town Highways and petition the County Commissioners to lay out such of the County Highways, as they shall find necessary.

This may be taken up and be pushed to completion as rapidly as possible or an appropriation may be made each year to be expended with this end in view, in either case it is a tedious job and a matter of considerable expense to the Town, but I can see no other way of preserving your streets.

Respectfully submitted,

JOHN E. SMITH.

Andover, Dec. 21, 1903.

MEMORIAL HALL

THIRTY-SECOND ANNUAL REPORT OF THE BOARD OF TRUSTEES

The Trustees have very little to add to the reports of the Treasurer and of the Librarian, given in another part of this pamphlet.

A gift from Mr. David Middleton, lately deceased at the age of eighty-six, has reminded us of the early days of our Library. Mr. Middleton, who was one of the original members of the Board and also of the Library Committee, was conspicuously active and helpful in its formative period. When the choice of a system for the operation of the Library was under discussion, he, with other members of the Board, visited the libraries of Newton, Brookline, and other towns to inquire into the working of their systems. He also gave much time and thought to the consideration of the rules and regulations which have continued from that time to govern the administration of the Library.

The gift consists of the portraits of two of his most distinguished countrymen, Robert Burns and Sir Walter Scott, which have been hung in the Memorial Room, a valuable book, "The Tartans of the Clans of Scotland," which can be seen in the Reference Room, and some fifteen other volumes relating to Scotland and Scottish life.

Another addition to the Reference Room is the "New International Encyclopedia," seventeen volumes, published

by Dodd, Mead & Company. This is probably the most valuable as well as the most modern book of its kind possessed by the Library.

Respectfully submitted,

JOSEPH W. SMITH,
FRANCIS H. JOHNSON,
E. KENDALL JENKINS,
JOSEPH A. SMART,
FREDERIC S. BOUTWELL,
GEO. W. FOSTER,
C. C. CARPENTER,

TRUSTEES.

ANDOVER, Feb. 1, 1904.

Frederic S. Boutwell, Treasurer of Trustees of Memorial

RECEIPTS.

Feb. 1, 1903.	Cash on hand,	$ 468	17
Mar. 9, "	Dog tax, Town Treasurer,	667	31
May 8, "	Interest on mortgage,	100	00
June 11, "	Interest on Town notes,	1400	00
Oct. 6, "	Interest on mortgage,	100	00
Jan. 9, 1904.	Ballard Holt, fines, etc.,	54	22
" 9, "	Sale of book,	2	80
" 12, "	Sale of Art Catalogues,	1	10
" 21, "	Interest from Savings Banks,	369	42
		$3163	02

Hall Library, in account with the Town of Andover, Mass.

EXPENDITURES.

Ballard Holt, salary,	$ 800 00
James O. Bradshaw, salary,	73 00
Andover Electric Co.,	212 49
Lawrence Gas Co.,	92 50
Frank E. Gleason, coal and wood,	389 50
John E. Murphy, labor,	146 20
J. A. Smart, insurance,	75 00
A. Marland, sprinkling streets,	8 50
C. J. Way, carrier,	78 00
F. J. Barnard & Co.,	86 15
Franklin Book Bindery,	3 10
Little, Brown & Co., books,	268 25
F. O. Baldwin, Agt., Enc. Brit.,	95 00
F. S. Blanchard & Co., book,	3 00
Scarborough Co., book map,	3 00
Pilgrim Press, books,	2 48
H. W. Wilson Co., books,	3 00
Dodd, Mead & Co.,	90 00
Bates & Guild Co.,	4 80
O. P. Chase, papers,	30 00
Irving P. Fox, periodical,	50
Julia E. Twichell,	69 98
Harriet W. Carter,	12 00
Andover Press, supplies,	28 00
C. S. Buchan, labor,	7 02
D. Donovan & Son, labor,	9 65
E. C. Pike, labor,	1 25
Chas. P. Rea, labor,	2 00
H. F. Chase, repairs,	1 50
J. E. Whiting, repairs,	75
Hardy & Cole, repairs,	3 17
Geo. A. Higgins, supplies,	1 85
Smith & Manning, supplies,	6 67
T. A. Holt & Co., supplies,	40
Jordan Marsh Co.,	9 00
Tuttle's Express,	7 25
Ballard Holt, sundries,	69 89
Postage,	1 50
Treasurer's salary,	25 00
Cash to balance,	441 67
	$3163 02

Treasurer's Report Trustees Memorial Hall — Continued

Funds		Invested as Follows	
Permanent Fund,	$20000 00	Town Note,	$20000 00
John Byers Fund,	10000 00	Town Note,	5000 00
John Cornell Fund, (per.),	5000 00	Mortgage,	4000 00
John Cornell Fund, purchase	2700 00	Savings Banks,	9300 00
Edward Taylor Fund,	500 00	Cash,	441 67
W. C. T. U. Fund,	100 00		
Cash,	441 67		
	$38741 67		$38741 67

Feb. 2, 1904.

Examined and verified the foregoing account,

J. A. Smart,
E. K. Jenkins.
Finance Committee.

REPORT OF LIBRARIAN

To the Board of Trustees of the Memorial Hall Library:

GENTLEMEN: — I herewith respectfully submit to you my annual report for the year ending December 31st, 1903.

Comparative Statistics

			1902	1903
Increased by purchase,			163	189
Increased by gift,			67	89
Increased by binding periodicals,			48	67
Total number of volumes in the library,			16630	16675
Number of pamphlets presented,			123	127
Total number of pamphlets in the Library,			8260	8387
Number of days the Library was open,			295	306
Number of volumes delivered:	1902	1903		
General delivery,	15668	15881		
Abbott District,	123	172		
Bailey District,	405	401		
North District,	112	59		
Osgood District,	580	636		
Public Schools,	348	294		
	17286	17373		
Largest daily issue,			164	141
Largest weekly issue,			498	474
Average daily issue,			56	58
Per-centage of fiction and juvenile taken out,			79	81
Notices sent to delinquent borrowers,			760	759
New names registered,			202	218
Number of books covered anew,			1947	1700
Number of volumes rebound,			167	179
Volumes delivered for use in Reading-room,			621	668
Average attendance in Reading-room,			65	62
Amount of fines collected,			$37.50	$41.42
Amount received for use of books,			4.74	6.30
Amount received for sale of catalogues (26),			9.50	6.50

List of Donors

	Vols.	Pamps.	Pprs.
Abbot Courant,		2	
Abbot Public Library, Marblehead, Mass.,		1	
Alden, John,	27		
" " Miscellaneous pamphlets and papers.			
Andover, Town of,	2		
Boston, Mass., record commissioners,	6		
Boston Public Library,		1	
Bunker Hill Monument Association,	1		
Cambridge Public Library,		1	
Candage, R. G. F., Cambridge, Mass.,	1		
Carpenter, Rev. C. C.		2	
Cole, John N.,	6		
Enoch Pratt Free Library, Baltimore, Md.,		1	
Forbes Library, Northampton, Mass.,		1	
Harper & Brothers, New York,	1		
Indian Rights Association,		1	
Jenkins, E. K.		1	
Knox, Hon. W. S.,	10		
Lawrence Public Library,		1	
Massachusetts, Commonwealth of,	51	2	
Massachusetts Institute of Technology,		2	
Massachusetts Society for the Prevention of Cruelty to Animals.			12
Middleton, Mrs. Catherine A.,	15		
Mills, F. S.,		1	
Newton Free Library,		1	
New York Public Library,		1	
Phillips, S. L., Washington, D. C.,	1		
Pillsbury, A. E., Boston, Mass.,	1	1	
Ripley, G. B.			52
Salem Public Library,		1	
Somerville Public Library,		1	
Stevens, Hon. Moses T., North Andover, Mass.,	2		
Traveler's Record,			10
United States,	15	74	
Universalist Publishing House,	1		
Walkley, Miss Ellen O., Boston, Mass.,		30	
Whitney, C. C., Marshall, Minn.,			52
Worcester Free Public Library.		1	
	140	127	126

Gifts to the Art Collection.

Mrs. Catherine A. Middleton, two portraits, Burns and Scott.

Thirty-four volumes have been withdrawn and replaced with new ones.

Three books have been sent for by messenger.

One number of American Boy, one number of Andover Townsman, one number of Youth's Companion, two numbers of Boston Journal, have been taken from the Reading-room and not returned.

BALLARD HOLT,

LIBRARIAN.

ANDOVER, Jan. 5, 1904.

Report of Custodian of the Cornell Art Room.

To the Trustees of the Memorial Hall Library:

GENTLEMEN: — The report of the Cornell Art Room for the year ending Dec. 31st, 1903, is herewith submitted.

The Cornell Art Room was closed during the months of January, February, and March, owing to scarcity of fuel. Since that time it has been open 79 days with an average daily attendance of 33. The average of the two preceding years was 35, which shows that the interest in the Art Collection is steadily maintained. The total number of visitors for the year has been 2556; of these 784 were adults and 1772 were children.

Respectfully submitted,

JULIA E. TWICHELL.

CORNELL FUND

Amount of Fund,		$5000 00
Deposited in Savings Bank,		5000 00
Cash on hand,	$217 56	
Dividends, 1903,	40 00	
		$257 56
Amount expended,	$184 69	
Cash on hand,	72 87	
		$257 56

FRANK E. GLEASON,
JOSEPH A. SMART,
CHARLES GREENE,
} *Trustees.*

February 15, 1903.

PUNCHARD FREE SCHOOL

The Trustees of the Punchard Free School submit to the Town this report of the condition of the fund and of the income and expenditures for the year 1903:

TREASURER'S REPORT FOR YEAR ENDING DEC. 31, 1903.

PRINCIPAL.

Amount of the Fund Jan. 1st, 1903.		$75005 00
Of this amount there was in cash,	$1550 00	
In real estate at Ballardvale,	1450 00	
In mortgages on real estate,	72005 00	
		$75005 00

CHANGES IN PRINCIPAL.

Cash at beginning of the year,		$1550 00	
Mortgages paid during the year,		5300 00	
		$6850 00	
Invested in new mortgages,	$3250 00		
Deposited in Trust Co.,	3600 00		
		$6850 00	
Condition of the fund, Dec. 31, 1903.			
Real estate mortages,		$69955 00	
Land and Building at Ballardvale,		1450 00	
Cash on deposit in Trust Co.,		3600 00	
			$75005 00

INCOME.

Balance on hand Jan. 1, 1903,	$ 419 89	
Interest on mortgage notes for the year,	3738 04	
Interest on deposit in Trust Co.,	58 54	
Rent of Ballardvale real estate,	106 80	
		$4323 27

EXPENSES

Salaries, supplies, etc., as per schedule,	$3518 78	
Balance on hand,	804 49	
		$4323 27

DETAILED STATEMENT OF EXPENSES.

S. Hale Baker, acting principal,	$453 93
Alton W. Pierce, principal,	330 00
Wm. J. Henderson, teacher,	515 00
Geo. W. Low, teacher,	290 10
Grace L. Burtt, teacher,	719 70
Alice A. Brown, teacher,	750 05
Frederic Palmer, chairman of visiting committee,	50 00
Geo. H. Poor, treasurer,	200 00
Geo. A. Andrews, expenses,	4 75
Arthur Bliss, supplies,	3 30
A. Bliss, P. M., supplies,	2 12
American Express Co.,	25
L. E. Knott Apparatus Co.,	56 93
Oliver Typewriter Co., machine,	60 00
Geo. A. Parker, insurance,	4 00
Smith Typewriter Co., machine,	74 00
B. B. Tuttle, express,	4 65
Total expenses,	$3518 78

J. W. BARNARD PRIZE FUND.

Ten shares of preferred stock of the Union Pacific Railroad yielding an annual income of forty dollars, which is to be distributed in three prizes of $20, $12, and $8 respectively for excellence in English composition.

Balance of income on hand Dec. 31, 1902,	$20 00	
Dividends in 1902,	40 00	
Sale of rights to subscribe,	6 00	
		$66 00
Prizes awarded —		
Sarah H. Pratt,	$20 00	
Dorothy B. Logan,	12 00	
William C. Bliss,	8 00	
Isabel F. Starbuck,	6 00	
Balance on hand Dec. 31, 1903,	20 00	
		$66 00

At the suggestion of the late Mr. Barnard, the six dollars received from sale of rights was given as the fourth prize.

Respectfully submitted by

GEO. H. POOR,

TREASURER.

January 1, 1904.

Examined and found correct,

GEORGE A. PARKER,
M. E. GUTTERSON,

AUDITORS.

FREDERIC PALMER, MYRON E. GUTTERSON,
FRANK R. SHIPMAN, GEORGE H. POOR,
G. A. ANDREWS, HORACE H. TYER,
GEORGE A. PARKER, SAM'L H. BOUTWELL,

TRUSTEES.

January 23, 1904.

RECOMMENDATIONS

OF

FINANCE COMMITTEE, 1904

The following is a list of appropriations, recommended by the Finance Committee:

Maintenance of Schools,	$29000 00
School-Houses,	2000 00
School-Books and Supplies,	2200 00
Printing and Stationery,	1200 00
Miscellaneous, ($2165.77 unpaid bills),	4500 00
Repairs on Highways and Bridges,	3000 00
And the sum of $2500.00 to be taken from the money refunded by the street sprinkling, Street R. R. and for the use of teams. Balance to be turned into the Treasury.	
Macadam,	3000 00
Sidewalks,	400 00
To be spent under the Betterment Act,	200 00
Horses and Drivers,	4500 00
Removing Snow,	1000 00
Fire Department,	3500 00
Relief out of Almshouse,	3800 00
Soldiers' Relief,	1200 00
Almshouse Expenses,	5000 00
Repairs on Almshouse,	200 00
Tree Warden,	500 00
Public Dump,	50 00
To be spent by A. V. I. S.	
Hay Scales,	50 00
Public Works,	6650 00
Amount carried forward,	$71950 00

Amount brought forward,		$71950 00
Estimated cost of maintenance of Water Works for 1904:		
John E. Smith,	$1500 00	
Geo. E. Hussey,	600 00	
Engineer,	840 00	
Care of teams,	450 00	
Extra labor,	600 00	
Printing and Stationery,	100 00	
Postage,	100 00	
Reading and Care of Meters,	650 00	
Sundry Supplies,	100 00	
Fuel,	1500 00	
Oil, Waste, and Packing,	200 00	
Telephone Tolls,	10 00	
	$6650 00	
Interest,		11000 00
Redemption of Water Bonds,		6000 00
Notes Payable,		
Town House,		1700 00
Park Loan,		1700 00
Memorial Day,		225 00
Spring Grove Cemetery,		300 00
And proceeds of sale of Lots.		
Police Department,		2400 00
Town House,		1600 00
Park Commission,		500 00
Tax refunded Phillips Academy,		1005 53
State Aid,		2000 00
Military Aid,		250 00
Insurance,		700 00
Town Officers,		5700 00
Street Lighting,		4800 00
Sinking Funds,		
Memorial Hall,		600 00
Water Bond,		750 00
Repairs on Punchard High School (unpaid bills),		775 00
Amount carried forward		$113955 53

Amount brought forward,	$113955 53
Abatement of Taxes,	500 00
State Tax,	6000 00
County Tax,	6000 00
Phoebe F. Phillips Chapter,	50 00
Total appropriation recommended,	$126,505 53

It was recommended that the office of the Board of Public Works be kept open one night each week.

A. BLISS, *Chairman*, Three Years
BARNETT ROGERS, *Secretary*, Three Years

WALTER S. DONALD
Three Years

M. F. D'ARCY
Three Years

J. NEWTON COLE
Three Years

M. J. CURRAN
Two Years

J. WARREN BERRY
Two Years

FRANK T. CARLTON
Two Years

ANDREW McTERNEN
Two Years

JOHN H. FLINT
One Year

HARRY M. EAMES
One Year

ALEX. LAMONT
One Year

BERNARD M. ALLEN
One Year

P. J. SCOTT
One Year

FINANCE COMMITTEE

TOWN WARRANT

ESSEX, SS: To either of the Constables of the Town of Andover. GREETING:

In the name of the Commonwealth of Massachusetts, you are hereby directed to notify and warn the inhabitants of the Town of Andover qualified to vote in town affairs to meet and assemble at the Town House, in said Andover, on Monday the seventh day of March, 1904, at 7.30 A. M., to act on the following articles:

Article 1st.—To choose a Moderator to preside at said meeting.

Article 2nd.—To choose Town Clerk, Treasurer, Collector of Taxes, three members of the Board of Selectmen, Assessors and Overseers of the Poor for one year, one member of the Board of Health for three years, three members of the School Committee for three years, one Trustee of Memorial Hall for seven years, one Trustee of Cornell Fund for three years, one Park Commissioner for three years, two members of the Board of Public Works for three years, five Trustees of Punchard Free School for three years, one Tree Warden for one year, three Auditors of Accounts, one or more Constables, Fence Viewers, Field Drivers, Surveyors of Lumber, Fire Wards, a Pound Keeper, one Surveyor of Highways, and any other officers the town may determine to choose.

Article 3rd.—To take action on the following question: "Shall license be granted for the sale of Intoxicating Liquors in this town?"

Article 4th.—To determine what sums of money shall be appropriated for Schools, School-houses, School-books and supplies, Highways and Bridges, Macadamized Roads, Sidewalks, Removing Snow, Horses and Drivers, Street Lighting, Town Officers, Police Public Works, (Maintenance, Construction and Sinking Funds) Sinking Fund for Memorial Hall Notes, Fire Department, (Maintenance and Fire Alarm), Town House, Almshouse, Repairs on Almshouse, State Aid, Military Aid, Relief out of Almshouse, Soldiers' Relief, State Tax, County Tax, Abatement of Taxes, Interest on Bonds, Funds and Notes, Redemption of Water Bonds (Voted Oct. 21, 1889,) Notes Payable (Park Loan, Town House Improvement) Printing and Stationery, Miscellaneous, Memorial Day, Insurance, Spring Grove Cemetery, Hay Scales, Park Commission, Tree Warden, Public Dump and other town charges and expenses.

Article 5th.—To see if the town will concur with the Board of Harbor and Land Commissioners in the proposed changes in the boundary line between the towns of Andover and North Reading, as recommended by said Board, or to take any other action thereon.

Article 6th.—To see if the town will appropriate the sum of two thousand six hundred forty nine 85—100 dollars ($2649.85) to defray the sewerage assessment against town property.

Article 7th.—To see what action the town will take in regard to the gift of one thousand dollars ($1000) by Warren F. Draper.

Article 8th.—To see if the town will raise and appropriate a sum of money for the following purposes: To build an annex to the John Dove schoolhouse; to install a central heating plant connecting with the John Dove, Stowe and Punchard Schools; to install sanitaries in the Punchard, John Dove, Indian Ridge and Bradlee Schools, and to make

such alteration as may be necessary to carry these changes into effect.

Article 9th.—To see whether the Town will re-appropriate one thousand dollars ($1000.00) to carry out the provisions of the vote passed a year ago relating to the Bailey school-house.

Article 10th.—To see if the Town will appropriate one thousand and five and 03—100 dollars ($1005.03) to re-imburse Trustees of Phillips Academy for balance of amount of taxes paid under protest.

Article 11th.—To see what action the Town will take to establish the street bounds and if necessary appropriate a sum of money therefor.

Article 12th.—To see if the Town will appropriate a sum of money sufficient to make a drain to carry off the surface water on Red Spring Road near the property of John Hickey and John Henderson.

Article 13th.—To see if the Town will appropriate a sum of money sufficient to complete Pine Street.

Article 14th.—To see if the Town will appropriate Twelve hundred dollars ($1200.00) for repairs on Webster Street, to widen, remove brush, trees, etc., from the same from North Street to the Lawrence Line, and to put this road in a safe condition for travel, on petition of Dennis Riordan and others.

Article 15th.—To see if the Town will appropriate a sum of money not to exceed Three hundred dollars ($300.00) to construct a sidewalk on the westerly side of Lowell Street from Mr. Lane's to Dascomb Road, on petition of William Shaw and others.

Article 16th.—To see if the Town will accept the street as laid out by the Selectmen, from Elm Street to Walnut Avenue between the residences of Mrs. Anne Locke and George A. Christie, and appropriate a sum of money for constructing the same.

Article 17th.—To see if the Town will instruct the Street Lighting Committee to have an incandescent street light placed on Central Street at or near where Rogers' Brook crosses said street, on petition of Dennis F. Sweeny and others.

Article 18th.—To see if the Town will accept Chapter 484 of the Acts of the Legislature of 1903, in regard to licensing coal and coke dealers.

Article 19th.—To see if the Town will accept so much of Section 23, Chapter 25, of the Revised Laws, as pertains to the removal of snow and ice from sidewalks, within the limits of highways or town ways thereon, to such extent as they deem expedient.

Article 20th.—To see if the Town will revise and accept the list of Jury prepared and posted by the Selectmen.

Article 21st.—To act upon the report of the Town Officers.

Article 22nd. To fix the pay of the Firemen for the ensuing year.

Article 23rd.—To determine the method of collecting taxes for the ensuing year.

Article 24th.—To determine what disposition shall be made of unexpended appropriations.

Article 25th.—To see if the Town will appropriate Three hundred dollars ($300.00) for further street signs.

Article 26th.—To authorize the Town Treasurer to hire money for the use of the Town in anticipation of taxes for the current year, upon the approval of the Selectmen.

Article 27th.—To determine the amount of money to be raised by taxation for the ensuing year.

Article 28th.—To transact any other business that may legally come before the meeting.

Hereof fail not, and make due return of this Warrant with your doings thereon, to the Selectmen at the time and place of meeting.

Given under our hands at Andover, this fifteenth day of February, in the year one thousand nine hundred and four.

B. FRANK SMITH,
SAM'L H. BOUTWELL,
S. H. BAILEY,
} *Selectmen of Andover*

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LIST OF ACCESSIONS

BULLETIN NO. 23, 1903

LIST OF ACCESSIONS, 1903

A.

ABBOT, W. J. American merchant ships and sailors. 656.A 129

ADAMS, J. Q. Life in a New England town, 1787–88: diary of John Quincy Adams while a student in the office of Theophilus Parsons at Newburyport. . . . . 92 A 214 l

ALLEN, J. L. Mettle of the pasture. . . . . A 427 me

AMERICAN Naturalist. V. 36. . . . . 504 A 512

ANDOVER Townsman. V. 15–16. . . . . Ref.

ANDREWS, Mary R. S. Vive l'Empereur. . . . A 568 vi

ATLANTIC Monthly. V. 90–91. . . . . O 51.A 881

B.

BABCOCK, M. B. Thoughts for every-day living. . . 252 B 11

BACHELLER, I. A. Darrell of the Blessed Isles. . . B 123 da

BARBOUR. Anna M. At the time appointed. . . B 232 at

That Mainwaring affair. . . . . B 232 th

BARR, Mrs. Amelia E. H. Black shilling: a tale of Boston towns. . . . . B 271 bl

Thyra Varrick: a love story. . . . . B 271 th

BARR, Robert. Over the border: a romance. . . B 273 ov

Prince of good fellows. . . . . B 273 pr

BARRIE, J. B. Little white bird; or, adventures in Kensington gardens. . . . . B 275 li

BARRY, W. F. Papal monarchy, from St. Gregory the Great to Boniface VIII. (590–1303.) [Story of the nations.]. . . . . 282 B 27

BELL, J. J. Ethel. . . . . B 414 et

Wee Macgregor. . . . . B 414 we

BENSON, E. F. The relentless city. . . . . B 445 n

BETTS, Lillian W. Story of an East-side family. . . B 469 st

BIRDS and nature. V. 12–13. . . . . O 51 B 53

BLACKWOOD'S Edinburgh Magazine. V. 172–183. . O 52 B 56

BOGUE, Mrs. Lilian B. Dowager Countess and American girl. . . . . B 415 do

Interference of Patricia. . . . . B 415 it

BOSTON, Mass. Record commissioners. Report. V. 25–30. . . . . Ref.

BOYNTON, H. W. Bret Harte. [Contemporary men of letters series.] . . . . . 92 H 256 B
BROOKS, Geraldine. Romances of colonial days. . . B 7952 ro
BRYCE, James. Studies in contemporary biography. . 920 B 84
BUELL, A. C. Sir William Johnson. . . . . 92 C 638 B
BUNKER HILL monument association. Proceedings at the annual meeting, June 17, 1903. . . 973.3 B 88 p

C.

CAREY, Rosa N. Mistress of Brae farm: a novel. . C 187 mi
CARLYLE, Mrs. Jane B. W. New letters and memorials: annotated by Thomas Carlyle, and edited by Alexander Carlyle. 2 v. . . . . 92.C 195 n
CARRYL, G. W. Zut and other Parisians. . . . C 2391 z
CASTLE, Mrs. Agnes and Egerton. Star dreamer: a romance. . . . . C 267 st
CENTURY. V. 64–66. . . . . O 51 C 33
CESARESCO, Evelyn M., *Countess*. Italian characters in the epoch of unification. . . . . 920 C 33
CHAMBERS, R. W. Maid-at-arms: a novel. . . . C 353 mi
Maids of Paradise. . . . . C 353 md
CLIFFORD, Mrs. Lucy L. Woodside farm. . . . C 615 wo
CLOUD, Virginia W. A reed by the river: poems. . 811 C 62
COLERIDGE, Christobel. Charlotte Mary Yonge: her life and letters. . . . . 92 Y 83 C
CONGRESSIONAL record, 57 congress, 2nd session. 6 v. Ref.
58 congress, special session. I v. . . . Ref.
CONTEMPORARY Review. V. 82–83. . . . . O 52 C 76
CORNHILL Magazine. New series. V. 13–14. . . O 52 C 81
COSMOPOLITAN. V. 33–35. . . . . O 51 C 82
COUCH, A. T. Q. Hetty Wesley. . . . . C 831 he
CRAWFORD, F. M. Heart of Rome: a tale of the "lost water." . . . . . C 856 he
CROCKETT, S. R. Flower-o'-the-corn. . . . . C 875 fl
CROTHERS, S. M. The gentle reader. . . . . 814 C 88
CROWLEY, Mary C. Love thrives in war: a romance of the frontier in 1812. . . . . C 8863 lo
CUMONT, Franz. Mysteries of Mithra. . . . 295 C 91
CURTIS, W. E. The true Abraham Lincoln. . . 92 L 633 Cu

D.

DASKAM, Josephine D. Middle aged love stories. . D 263 mi
Poems. . . . . 811 D 26

DAVIS, R. H. The bar sinister. . . . . D 298 b
DELAND, Mrs. Ellen D. Three girls of Hazelmere: a story. . . . . D 372 th
DELAND, Mrs. Margaret W. C. Dr. Lavendar's people. D 373 dr
DOYLE, A. C. Hound of the Baskervilles: another adventure of Sherlock Holmes. . . . D 775 ho
DUNNE, F. P. (Martin Dooley). Observations of Mr. Dooley. . . . . 817.98 D 91 ob

E.

ELY, Helena R. Woman's hardy garden. . . . 716 E 52
ENCLYOPAEDIA Britannica. New volumes. V. 25–35. Ref.
ENGLISH Illustrated Magazine. V. 29. . . . O 52 E 58
ESSEX Antiquarian. V. 6. . . . . 929 E 78

F.

FARJEON, B. L. Mystery of the royal mail. . . F 226 my
FAWCETT, Edgar. The Vulgarians. . . . . F 284 vu
FINDLAY, Jessie P. Spindle-side of Scottish song. . 920 F 49
FLETCHER, W. I., *and Bowker, R. R.* Annual literary index, 1902. . . . . Ref.
FLINT, Annie. A girl of ideas. . . . . F 642 gi
FORD, Sewell. Horses nine: stories of harness and saddle. . . . . F 758 ho
FORUM. V. 34. . . . . O 51 F 77
FOX, John, Jr. Little shepherd of kingdom come. . F 834 li
FREEMAN, Mrs. Mary E. W. Six trees: short stories. W 653 si
Wind in the rose-bush and other stories of the supernatural. . . . . W 653 wi

G.

GARLAND, Hamlin. Hesper: a novel. . . . . G 184 he
GATES, Eleanor. Biography of a prairie girl. . . G 223 bi
GOOD Words. V. 43. . . . . O 52 G 59
GRANT, James. Tartans of the clans of Scotland. . Ref.
GREGOROVIUS, Ferdinand. Latin summers and an excursion in Umbria. . . . . 914.56 G 86

H.

HALE, E. E. "We, the people:" a series of papers on topics of today. . . . . 814 H 13
HALSTEAD, Murat. Life of Theodore Roosevelt. . . 92.R 674 H

HARDY, A. S. His daughter first. . . . . H 221 hi
HARLAND, Henry. Mademoiselle Miss, and other stories. H 229 ma
HARPER'S Bazar. V. 36. . . . . Ref.
HARPER'S cook book encyclopaedia, arranged like a dictionary and compiled under the direction of the editor of the Harper's Bazar. . 641 H 23
HARPER'S Magazine. V. 105–106. . . . . O 51 H 23
HARPER'S Weekly. V. 46–47. . . . . Ref.
HARRIS, J. C. Gabriel Tolliver: a story of reconstruction. . . . . H 243 g
HARRISON, Mrs. Constance C. Unwelcome Mrs. Hatch. H 246 un
HART, A. B., *ed.* How our grandfathers lived. [Source-readers in American history]. . . . 973 H 25
HART, Mabel. Sacrilege farm. . . . . H 254 s
HAWTHORNE, Julian. Hawthorne and his circle. . . 92 H 317 Ha
HEPBURN, A. B. History of coinage and currency in the United States and the perennial contest for sound money. . . . . 332 H 41
HICHENS, R. S. Felix: three years in a life. . . H 527 fe
The slave: a romance. . . . . H 527 sl
HILL, Lucille E., *ed.* Athletics and out-door sports for women. . . . . 796 H 55
HOAR, G. F. Autobiography of seventy years. 2 v. . 91.H 654
HORNUNG, E. W. No hero. . . . . H 787 no
HOWELLS W. D. Letters home. . . . . H 838 le
Questionable shapes. . . . . H 838 qu
HUDSON, T. J. Law of psychic phenomena: a working hypothesis of hypnotism, spiritism, mental therapeutics, etc. . . . . 134 H 86
HUNTINGTON, W. R. Sonnets and dreams. . . . 821 H 92
HUTTEN, Bettina, *Baroness von.* Our lady of the beeches. H 978 ou
HUTTON, Edward. Italy and the Italians. . . . 914.5 H 97
HUTTON, Lawrence. Literary landmarks of Oxford. .914.257 H 97

J.

JOHNSON, R. U. Poems. . . . . 811 J 63
JORDAN, D. S. Call of the twentieth century: an address to young men. . . . . 170 J 76

K.

KELLER, Helen. Story of my life. . . . . 92 K 284
KEMPTON-WACE letters. . . . . 826 K 32

KING, Basil. In the garden of Charity. . . . K 581 in
KING, Bolton. Mazzina. [Temple of biographies]. . 92 M 458 K
KINKAID, Mary H. Walda: a novel. . . . . K 623 w
KIPLING, Rudyard. Light that failed. . . . . K 625 li
KIRK, Mrs. Ellen W. O. Good-bye, proud world. . K 633 go

L.

LAWRENCE, William. Roger Wolcott. . . . 92 W 832 L
LAWRENCE American and Andover Advertiser, 1902. . Ref.
LEWIS, Jocelyn. Adventures of Dorothy. . . . L 587 a
LITCHFIELD, Grace D. The moving finger writers. . L 713 mo
LITTELL'S Living Age. V. 234–238. . . . . 051.L 71
LONDON, Jack. Call of the wild. . . . . L 844 c
Children of the frost. . . . . L 844 ch
Daughter of the snow. . . . . L 844 d
People of the abyss. . . . . 339 L 84
LONG, J. L. Sixty Jane. . . . . L 853 si
LONG, W. J. School of the woods: some life studies of animal instincts and animal trainiug. . 590.L 85 sc
LOOMIS, C. B. Cheerful Americans. . . . . L 872 ch
LOVELL, Isabel. Stories in stone from the Roman Forum. . . . . 913 L 94

M.

MCCALEB, W. F. The Aaron Burr conspiracy. . . 973.4 M 12
MCCARTHY, Justin. Pope Leo XIII. . . . . 92 L 553 M
MCCARTHY, J. H. If I was king. . . . . M 128 if
Marjorie. . . . . M 128 m
MCLEAN, Norman. Dwellers in the mist. . . . M 2221 dw
MCCLURE'S Magazine. V. 19–21. . . . . O 51.M 13
MACNAUGHTAN, S. Fortunes of Christina M'Nab. . M 235 fo
MAETERLINCK, Maurice. Life of the bee. . . . 595 M 26
MAJOR, Charles. Forest hearth: a romance of Indiana in the thirties. . . . . M 288 fo
MALDEN, Mass. Births, marriages and deaths, 1649–1850. 929 M 29
MARTIN, Mrs. George M. Emmy Lou: her book and heart. . . . . M 346 em
MASSACHUSETTS. Education, Board of. Annual report. V. 66. . . . . 351.85 M 38
General court. Acts and resolves passed in 1903. . . . . 348.12 M 38 ac
Journal of the house of representatives, 1903. 328.74 M 38 h
Journal of the senate, 1903. . . . 328.74 M 38 j

MASSACHUSTTTS.—*Continued.*

Manual containing the rules of the two branches, 1903. . . . 328.74 M 38 m
Public documents, 1901. 12 v. . . 338.74 M 38 p
Charity, Board of. Annual report. V. 24. 351.84 M 38
Secretary of the commonwealth. Massachusetts soldiers and sailors of the revolutionary war. V. 11. . . Ref.
Supreme court. Reports of cases argued and determined. V. 180-182. . Ref.
Andersonville mouument commission. Report. . . . . 973.7 M 38
Record of the dedication of the monument on Dorchester Heights, South Boston. 974.4 M 38

MASSACHUSETTS year book. V. 8. . . . . Ref.
MATHEWS, F. S. Field book of American wild flowers. 480 M 42
MATHEWS, William. Conquering success; or, life in earnest. . . . . 170 M 42
MERRIAM, H. S. Barlasch of the guard. . . . M 556 b
MILLER, Alice D. Calderon's prisoner. . . . M 612 c
Modern obstacle. . . . . M 612 mo
MITCHELL, S. W. Comedy of conscience. . . . M 696 co
MONTAGUE, G. H. Rise and progress of the Standard oil company. . . . . 338 M 76
MORRISON, Arthur. Red triangle: being some further chronicles of Martin Hewitt, investigator. M 835 re

N.

NATION. V. 75–76. . . . . O 71 N 21
NEWCOMB, Simon. Reminiscences of an astronomer. . 92 N 437
NEW ENGLAND Magazine. V. 26–28. . . . . O 51 N 42
NORRIS, Frank. The pit: a story of Chicago. . . N 792 pi
NORTH AMERICAN Review. V. 175–176. . . . O 51 N 81

O.

OUTLOOK. V. 71–55. . . . . O 51 O 94

P.

PAGE, T. N. Gordon Keith. . . . . P 144 go
PALMER, Frederic. Drama of the apocalypse in relation to the literary and political circumstances of its time. . . . . 228 P 18

PARK, E. A. Memorial collection of sermons. . . 252 P 21 m
PATTEE, F. L. Mary Garvin: the story of a New Hampshire summer. . . . . P 277 m
PEABODY, Josephine P. Marlowe: a drama in five acts. 812 P 31
PEMBERTON, Max. Dr. Xavier. . . . . P 367 do
PERRY Magazine. V. 5. . . . . Ref.
PILLSBURY, A. E. Daniel Webster, the orator. . . 92 W 394 P
POPULAR Science Monthly. V. 61–63. . . . . 505 P 81
POPULAR Science News. V. 36. . . . . 505.P 82

R.

RAIT, R. L., *ed.* Five Stuart Princesses: Margaret of Scotland, Elizabeth of Bohemia, Mary of Orange, Henrietta of Orleans, Sophia of Hanover. . . . . 923 R 137
RAY, Anna C. Dominant strain. . . . . R 214 do
REESE, Lizette W. A quiet road . . . . . 811 R 25
REVIEW of Reviews. V. 26–27. . . . . O 51 R 32
RHODORA. V. 4. . . . . 580 R 34
RICE, Mrs. Alice H. Lovey Mary. . . . . R 365 lo
Mrs. Wiggs of the cabbage patch. . . . R 365 mr
RICHARDS, Mrs. Laura E. H. Geoffrey Strong. . . R 393 go
Mrs. Tree. . . . . R 393 mr
More five minute stories. . . . . R 393 mo
RILEY, J. W. Book of joyous children. . . . 811 R 45
ROBINSON, Mrs. Annie D. G. (Marion Douglas). Days we remember: poems. . . . . 811 R 56
ROBINSON, J. H., *and Rohlfs, H. W.* Petrarch. . . 92.P 448 R
ROHLFS, Mrs. Anna K. G. Filligree ball. . . . R 635 fi
RUSSELL, W. C. Captain's wife. . . . . R 918 ca

S.

ST. NICHOLAS. V. 29–30. . . . . O 51 S 147
SCIDMORE, Eliza R. Winter India. . . . . 9154 S 416
SCIENTIFIC American. V. 87–88. . . . . 605 S 416
SCOTT, Eva. Rupert, prince Palatine. . . . . 92 R 876 S
SCRIBNER'S Magazine. V. 32–33. . . . . O 51 S 434
SEAWELL, Molly E. The great scoope. . . . . S 442 gr
SETON, E. T. Two little savages. . . . . T 374 tw
SMITH, F. M. The under dog. . . . . S 647 un
SMITHSONIAN institution. Annual report of the board of regents, 1902. . . . . 505 S 664

STEARNS, F. P. Napoleon and Machiavelli: two essays on political science. . . . . 320 S 799
STEELE, Francesca M. F. (Darley Dale). House that Jack built. . . . . S 8131 ho
STOCKTON, F. R. Captain's toll-gate. . . . . S 866 cb
STODDARD, R. N. Recollections, personal and literary; ed. by R. Hitchcock. . . . . 92 S 869

T.

TARKINGTON, Booth. Cherry. . . . . T 172 ch
TAYLOR, Mary I. Rebellion of the Princess. . . T 217 re
THURSTON, Lucy M. Mistress Brent: a story of Lord Baltimore's colony in 1638. . . . T 414 mi
TOWNSEND, Stephen. A thorough-bred mongrel: the tale of a dog told to lovers of dogs. . . T 664 th
TROWBRIDGE, J. T. My own story: with recollections of noted persons. . . . . 92 T 757
TRUMBULL, Annie E. Life's common way. . . . T 773 li
TUTTIETT, Mary G. (Maxwell Gray). Richard Rosny. T 885 rc

U.

UNITED STATES. *Bureau of Education.* Report, 1900–1902. 3 v. . . . . 379.73 U 58
Census Office. Twelfth census. 10 v. . 317.3 U 58
Fish Commission. Bulletin. V. 21. . 639 U 58 b
Navy Department. Official records of the Union and Confederade navies. V. 14–16. . . . . 973.75 U 58

V.

VAN DYKE, Henry. The blue flower. . . . . V 282 bl
VAN VORST, Miss Bessie and Miss Marie. The woman who toils the experiences of two ladies as factory girls. . . . . 331 V 37
VITAL records of Alford, Mass., to the year, 1850. . 929 V 83 A
VITAL records of Barre, Mass., to the year, 1850. . . 929 V 83 Ba
VITAL records of Backet, Mass., to the year, 1850. . 929 V 83 Bc
VITAL records of Bedford, Mass., to the year, 1850. . 929 V 83 Bd
VITAL records of Hinsdale, Mass., to the year, 1850. . 929 V 83 Hi
VITAL records of Lee, Mass., to the year, 1850. . . 929 V 83 Le
VITAL records of Leicester, Mass., to the year 1850. . 929 V 83 Li
VITAL records of Lexington, Mass., to the year 1850. . 929 V 83 Lx

VITAL records of Mansfield, Mass., to the year 1850. . 929 V 83 Me
VITAL records of Millbury, Mass., to the end of the year 1849. . . . . 929 V 83 Mp
VITAL records of Peru, Mass., to the year, 1850. . . 929 V 83 Pe
VITAL records of Southborough, Mass., to the end of the year 1849. . . . . 929 V 83 So
VITAL records of Sudbury, Mass., to the year, 1850. . 929 V 83 Su
VITAL records of Topsfield, Mass., to the end of the year 1849. . . . . 929 V 83 Tp
VITAL records of Tyrringham, Mass., to the year, 1850. 929 V 83 Ty
VITAL records of Westborough, Mass., to the end of the year 1849. . . . . 929 V 83 We

W.

WADDINGTON, Mrs. Mary A. K. Letters of a diplomat's wife. . . . . 92 W 113
WALFORD, Mrs. Lucy B. Charlotte. . . . . W 145 ch
Leddy Marget. . . . . W 145 le
WARD, Mrs. A. A. Lady Rose's daughter: a novel. . W 217 l
WHARTON, Edith. Sanctuary. . . . . W 554 s
WHEELER, A. C. Conquering of Kate. . . . W 554 co
WHITE, S. E. Blazed trail. . . . . W 554 bl
Conjuror's house: a romance of the free forest. . W 584 co
Magic forest: a modern fairy story. . . . W 584 m
WHO's who, 1903. . . . . Ref.
WILKINS, W. H. Love of an uncrowned queen: Sophie Dorothea, consort of George I,, and her correspondence with Philip Christopher, Count Köningsmarck, ... 92 S 712 W
WILLIAMSON, C. N., and Alice M. Lightning conductor: the strange adventuures of a motor-car. . W 675 li
WILSON, W. R. A. Rose of Normandy. . . . W 698 ro
WOODS, R. A. Americans in progress; a settlement study: North and West lands, Boston. . 339 W 86
WRIGHT, Mabel O. Aunt Jimmy's will. . . . W 938 au
WIGGIN, Mrs. Kate D. S. Rebecca of Sunnybrook farm. W 653 re

Y.

YOUNG, E. R. Algonquin Indian tales. . . . 398.3 Y 9

BOARD OF PUBLIC WORKS

TOWN OF ANDOVER

FOURTH

ANNUAL REPORT

OF THE

BOARD OF PUBLIC WORKS

EMBRACING THE FIFTEENTH ANNUAL REPORT OF WATER COMMISSIONERS AND SEVENTH ANNUAL REPORT OF SEWER COMMISSIONERS

FOR THE FISCAL YEAR ENDING

JANUARY 12, 1904

ANDOVER, MASS.
THE ANDOVER PRESS
1904

BOARD OF PUBLIC WORKS

JOHN L. SMITH, *Chairman*,	Term expires 1906
FELIX G. HAYNES, *Secretary*,	Term expires 1905
JOHN W. BELL,	Term expires 1904
LEWIS T. HARDY,	Term expires 1904
JAMES C. SAWYER,	Term expires 1905

SUPERINTENDENT

JOHN E. SMITH.

REPORT OF

BOARD OF PUBLIC WORKS

To the Citizens of Andover:

The Board of Public Works submit their fifth annual report, it being the seventh of the Sewer and fifteenth of the Water Systems for the year ending January 12th, 1904.

SEWER SYSTEM

No. of sewer connections, 1903,	23
No. connected to date,	390
Sewer bonds,	$115,000.00
Cost of maintenance,	$785.33
Sinking funds,	$42,991.01

The Sewer System is practically the same as when our last report was made. No extensions to the street lines have been made, and only a few improvements to the general system, and very few repairs have been necessary.

The flow of sewage has increased considerably with the extra connections made, but this has been disposed of with ease, and everything connected with the system has worked very satisfactorily.

There appears to be some misapprehension in regard to benefits accuring to unoccupied lands abutting on streets where sewers are laid. True, there may be instances where the assessments on these lands may seem a burden, but it must be admitted that these lands are enhanced in value by being so situated, and any of this property sold will, or ought to, bring more than enough extra to offset the assessments. If we may judge by the urgent calls for both water and sewer from settlers on new streets not already so provided, these two blessings are appreciated and willingly paid for.

If these lands are to be held and continue to be unoccupied and unimproved, the benefits derived may not be so easily determined.

WATER SYSTEM

Received for water rates,	$11,563.79
Maintenance account,	7,389.44
Applications received, 1903,	24
Services put in, 1903,	24
Services now in use,	958
No. of meters,	722
Bonds outstanding,	$159,000.00
Cost of construction, 1903,	$2,102.19
Cost of system,	$239,138.66
No. of hydrants,	218
No. of drinking fountains,	7
Sinking funds,	$12,795.24

There were laid during the year 2556.8 feet of 6 inch pipe, as follows: 299 feet on the Locke estate, 1584 feet on Pine street, 397 feet on Avon street, and 276.8 feet for Smith & Dove. The system now contains over thirty miles of pipe.

The street lines have not required very many extra repairs or heavy expenditures and are all in good condition. Several service pipes have been replaced with new ones and no doubt this part of the work will require more attention in the future than formerly, but, fortunately, the extra expense will not be great.

The water has been exceptionally good and the amount in the pond has been very uniform, and as a matter of fact this is a peculiarity of our supply source, it varies but little whether it is a wet or dry season. The late fall and early winter affected many supply sources very seriously, yet ours has remained in about its normal condition, with plenty for all requirements and to spare.

The coal shed at the station will require some repairs and a general fixing up before another large lot of coal is put in. It is hard to tell what this will cost, but it probably can be done without great expense, so that it will be all right for some time.

A small ice house has been built for the use of the engineer, taking the place of a temporary one, located near the coal shed.

While the conditions as they exist in regard to the effect of electricity on the water pipes may not be as bad as in some other places, it is serious enough to cause anxiety for the safety of our system in this town.

Last spring our attention was called to the effect of electrolyses of several service pipes, and the bad effect on some street lines, and we deemed it of sufficient importance to employ an expert in this business to test and ascertain, if possible, the true condition of the pipes that seemed to be the most liable to injury from this source. I submit his report for your consideration.

METHUEN, MASS., June 1st, 1903.

Board of Public Works, Andover, Mass :

GENTLEMEN : — In compliance with the request of your superintendent, I herewith submit report showing test readings, relating to electrolysis of your water main, which were made on May 19, 20, 21. These tests were made by the writer, assisted by your superintendent, who is familiar with the conditions as found, and can without doubt give you further enlightenment on any point not fully set forth in this report.

The conditions in general are not extremely bad, but are sufficiently so as to cause a general deterioration of your pipe lines, especially at points where the mains are in very wet ground and the earth salts are favorable to electrolysis. While breaks in the mains may not occur at present from

this cause, they are sure to develop at some future time, depending on the different controlling factors.

The cause of the railway current leaving the rails and following the pipe mains is insufficient conductivity in the rails whereby the current is returned to the power house. There are several reasons for the lack of conductivity, but there is a way to overcome the difficulty if the street railway officials care to expend a sufficient sum and arrange a low resistance path for the return current.

The following is a report of the test made: —

Dead end of water main, south end of Main street, highest potential 10 volts, 6 amperes, current rail to pipe; reverse 1.5 volts, 1.5 amperes.

Hydrant, Salem and Main streets; rail to pipe 3.4 volts, 4.0 amperes; reverse 1.5 volts, 5 amperes.

Punchard avenue and Main street; pipe to rail 2.5 volts, 4.5 amperes, also between hydrants parallel with rail (500 ft.) 1.5 volts.

Hydrant, north side of Arch bridge; rail to pipe 5 volts, 7 amperes. South side of same bridge; rail to pipe 6 volts, 5 amperes.

Hydrant, dead end of Union street; pipe to rail 3 volts, 1 ampere. (Through 350 ft. No. 18 wire.)

Hydrant, corner Main and Union streets; rail to pipe 6 volts, 6 amperes; reverse, 3 volts, 2 amperes.

First hydrant on Haverhill street; rail to pipe 7 volts, 3 amperes.

Hydrant, Elm Square, reverse fluctuations very marked, pipe to rail 4 volts, 3 amperes; reverse 3.5 volts, 5 amperes.

Arch bridge, between hydrants (500 ft.) 3 volts, 4 amperes. Between 500 ft. rail 1.3 volts, measured through No. 18 wire.

May 21st, opened main pipe on Arch bridge and inserted testing instruments in circuit with both ends of pipe; noted a potential of 2.5 volts and a current of 2 amperes, same going in direction of Lawrence.

The above were the main tests and are sufficient to show the average conditions in your town.

Wherever current leaves the pipe, it will corrode a certain weight of iron, the amount corroded depending on the number of amperes flowing; as the tests show that current is flowing along the pipes, it is absolutely certain that it cannot leave same unless electrolysis takes place at point of leaving.

I believe this report will give you a sufficiently clear understanding of the matter, so that your Board may take whatever course it sees fit in the future.

Very respectfully submitted,

(Signed) RICHARD P. OSGOOD.

This report has been laid before the Board of Selectmen, who will no doubt take proper measures to have this very serious menace to the safety and well-being of our water pipes remedied.

Very respectfully,

JOHN L. SMITH
FELIX G. HAYNES
JOHN W. BELL
LEWIS T. HARDY
JAMES C. SAWYER

Board of Public Works

SINKING FUNDS

The report of Sinking Fund Commissioners is as follows:

Water Loans. Issue of 1900

To redeem bonds Nos. 151 to 160 inclusive.

To balance Jan., 1903,		$4033 61
Received from Town of Andover,		150 00
Received interest Lowell Institution for Savings,		19 16
Received interest City Institution for Savings, Lowell,		24 63
Received interest Essex Savings Bank,		42 02
Received interest Merrimac River Savings Bank,		20 97
Received interest Andover Savings Bank,		56 12
		$4346 51
Invested as follows:		
Deposited in Lowell Institution for Savings,	$ 530 43	
Deposited in City Institution for Savings, Lowell,	641 24	
Deposited in Essex Savings Bank,	1082 63	
Deposited in Merrimac River Savings Bank,	646 64	
Deposited in Andover Savings Bank,	1445 57	
		$4346 51

Issue of 1892

To redeem bonds Nos. 161 to 170 inclusive.

To balance Jan., 1903,		$2336 80
Received from Town of Andover,		150 00
Received interest Lowell Five Cent Savings Bank,		41 40
Received interest Broadway Savings Bank,		53 38
		$2581 58
Invested as follows:		
Deposited in Lowell Five Cent Savings Bank,	$1206 43	
Deposited in Broadway Savings Bank,	1375 15	
		$2581 58

Issue of 1893

To redeem bonds Nos. 171 to 180 inclusive.

To balance Jan., 1903,		$1914 27
Received from Town of Andover,		150 00
Received interest Central Savings Bank, Lowell,		37 89
Received interest Andover Savings Bank,		40 04
		$2142 20
Invested as follows:		
Deposited in Central Savings Bank,	$1110 32	
Deposited in Andover Savings Bank,	1031 88	
		$2142 20

Issue of 1895

To redeem bonds Nos. 181 to 195 inclusive.

To balance Jan., 1903,		$2388 79
Received from Town of Andover,		225 00
Received interest Merrimac River Savings Bank,		10 99
Received interest Lowell Savings Bank,		41 28
Received interest Haverhill Savings Bank,		40 29
		$2706 35
Invested as follows:		
Deposited in Merrimac River Savings Bank,	$ 460 99	
Deposited in Lawrence Savings Bank,	1063 39	
Deposited in Haverhill Savings Bank,	1181 97	
		$2706 35

Issue of 1898

To redeem bonds Nos. 196 to 200 inclusive.

To balance Jan., 1903,		$907 77
Received from Town of Andover,		75 00
Received interest Mechanics Savings Bank,		35 83
		$1018 60
Invested as follows:		
Deposited in Mechanics Savings Bank,	$1018 60	
		$1018 60

Total Water Loans, $12795 24

Sewer Loan

To Balance Jan., 1903,	$46696 78
Received from Town of Andover Sewer Assessments,	5006 81
Received from Town of Andover Interest on Bonds,	242 50
Received from Andover National Bank Interest,	1025 32
Received from Salem Savings Bank Interest,	34 95
Received Discount on Five (5) Sewer Bonds purchased,	25 00
	$53031 36

CREDIT

By Bonds redeemed Nos. 1 to 10 inclusive,	$10000 00		
By Accrued interest paid on Bonds purchased,	40 35		
		$10040 35	
Total Sewer Loan Fund,			$42,991 01

Invested as follows:

Deposited in Andover National Bank,	$30965 43	
Deposited in Salem Savings Bank,	1,025 58	
Eleven (11) Andover Sewer Bonds,	11,000 00	
		$42991 01

JOHN L. SMITH,
LEWIS T. HARDY,
JAMES C. SAWYER,
JOHN W. BELL,
FELIX G. HAYNES,
Sinking Fund Commissioners.

Approved January 28, 1904.

GEORGE A. HIGGINS,
CHARLES B. JENKINS,
NESBIT G. GLEASON,
Auditors.

FINANCIAL REPORT

BOARD OF PUBLIC WORKS

Maintenance

John E. Smith, salary,	$1284 17
Curran & Burton, coal,	1238 48
Geo. W. Spickler, engineer,	848 03
Geo. E. Hussey, salary,	514 86
Geo. Mander, care of filter beds,	638 25
Fred A. Andrews, clerk and rodman,	512 67
Geo. Guthrie, foreman,	647 62
William Harnady, teamster,	351 32
John Guthrie, foreman,	268 25
Wright Stafford & Son, repairs on boiler,	340 58
Geo. E. Smith, labor,	246 75
Boston & Maine R. R. Co., freight,	203 25
Smith & Manning, oil, grain, etc.,	163 92
Joseph Bourdelais, teaming,	105 67
H. F. Macomber & Co., oil,	104 32
Nightingale & Childs, covering boiler,	99 45
Andover Press, books and printing,	91 60
Arthur Bliss, postage,	83 00
M. F. D'Arcy, hay,	68 89
John Schofield, labor,	62 99
Mrs. Frank Williamson, hay,	43 10
Rensselaer Manfg. Co., hydrant,	41 90
Treat Hardware & Supply Co., hardware,	37 70
Hecla Powder Co., dynamite,	32 32
Morrison & O'Connell, blacksmith work,	28 15
Henry McLawlin, hardware,	27 32
Amount carried forward,	$8084 56

Amount carried forward,	$8084 56
Lotta Celestino, labor,	27 22
F. W. Foster Mfg. Co., grate bars,	26 65
Neptune Meter Co., parts of meters,	24 05
Hardy & Cole, carpenter work,	21 52
Richard P. Osgood, electrical survey,	20 00
Geo. E. Pedlar, repairs on telephones,	17 49
Anderson & Bowman, blacksmith work,	17 23
James Minehen, labor,	15 85
A. M. Colby, painting and repairs on harnesses,	15 85
The Greenwood & Daggett Co., packing and polish,	14 51
Geo. A. Higgins & Co., stationery,	10 64
F. J. Dibble, record sheets,	13 50
F. E. Gleason, coal and wood,	10 60
N. E. T. & T. Co., tolls,	9 86
Andrew Hurley, labor,	9 87
National Meter Co., parts of meters,	9 15
The Deane Steam Pump Co., pump valves and valve rod,	8 44
Samuel Smith, bolts,	8 25
Garlock Packing Co., packing,	8 03
A. W. Chesterton, packing,	8 30
W. F. Rutter & Co., pipe fittings,	8 78
Frank Maccocia, labor,	7 91
The Lubron Mfg. Co., packing,	7 97
Lawrence Brun, labor,	5 10
Harold L. Bond & Co., steel,	5 35
Franc Ronca, labor,	5 22
Frank H. Hardy, brushes,	5 00
Dr. A. W. Baker, filing horses' teeth,	4 00
American Express Co.,	4 65
Joseph Brun, labor,	4 35
Hersey Manfg. Co., parts of meters,	3 24
Amount carried forward,	$8443 14

Amount brought forward,	$8443 13	
Thomson Meter Co., parts of meters,	3 84	
Frank E. Dodge, repairs on furnace,	3 82	
E. M. & W. A. Allen, prescriptions,	2 95	
John Reiley, labor,	2 43	
Rossetti Vingenzo, labor,	2 82	
The Sumner & Goodwin Co., pipe fittings,	2 40	
Geo. F. Talbot, polish,	1 50	
Fire & Water,	1 50	
W. H. Gibson,	1 05	
Fred Byrom, brass castings,	1 50	
J. E. Whiting, cleaning clock,	1 25	
E. C. Pike, pipe fittings,	1 38	
Merrimack Iron Foundry, iron castings,	1 20	
Tuttle's Express,	1 60	
Mrs. E. Lawrence, scrubbing,	50	
Geo. I. Rhodes, draughtsman,	89	
Lawrence Gas Co., mantle,	40	
Chas. Mayer, repairs on harness,	35	
		$8474 52

Credit to Maintenance

Service Pipe, use of teams,	$50 00
Pipe Distribution, use of teams,	25 00
Sewer Department, use of teams,	30 00
On and off water,	47 30
Repairs on meters,	20 39
Geo. E. Hussey, coal,	29 96
Andover Park Commissioners, survey and plan,	65 53
Clearing Pipes,	10 51
Street Department, surveys,	8 93
William Harnady, coal,	6 71
A. P. Richardson, loam,	2 25
Amount carried forward,	$296 58

Amount brought forward,	$296 48	
Tree Warden, labor,	1 38	
L. F. Hitchcock, labor,	89	
Lawrence Gas Co., sketch,	50	
Jos. Bourdelais, coal,	40	
		$299 75

Net cost of Maintenance, Water Dept.	$7389 44
Net cost of Maintenance, Sewer Dept.	785 33

WATER DEPARTMENT

Receipts

Water Rates,	$11563 79
Various parties, service pipe and meters,	1667 45
Smith & Dove Manfg. Co., pipe and laying,	397 83
Street Bounds, surveys, plans, and clerical work,	205 69
Estate of Samuel B. Locke, pipe and laying,	102 40
Loring N. Farnum, pipe,	100 35
North Andover Water Works, pipe,	71 39
Wm. F. Rutter & Co., pipe,	82 18
Sewer Department, use of teams,	30 00
Off and on water,	47 30
Repairs on meters,	20 39
Geo. E. Hussey, coal,	29 96
Cleaning pipes,	10 51
Park Commissioners, survey and plan,	65 53
Chadwick Boston Lead Co., reels returned,	11 61
Ballard Vale Mills, rock excavation,	28 71
Various parties, dynamite,	12 18
Builders' Iron Foundry, rebate,	4 05
Street Department, surveys,	8 93
Wm. Harnady, coal,	6 71
A. P. Richardson, loam,	2 25
Tree Warden, labor,	1 38
L. F. Hitchcock, labor,	89
Jos. Bourdelais, coal,	40
Lawrence Gas Co., sketch,	50
	$14472 38

Credits

Paid Geo. A. Parker, treasurer,		
Water Rates,	$11563 79	
Pipe Account,	2908 59	
		$14472 38

Approved January 28, 1904.

GEORGE A. HIGGINS,
CHARLES B. JENKINS, } Auditors.
NESBIT G. GLEASON,

Pipe Distribution

William V. Briggs, pipe,	989 47
John Guthrie, foreman,	150 40
Chadwick Boston Lead Co., pig lead,	104 41
Boston & Maine R. R. Co., freight,	147 99
Frank Maccocia, labor,	100 38
John E. Smith, salary,	30 11
Geo. E. Hussey, salary,	96 00
John Schofield, labor,	84 75
Lotta Celestino, labor,	96 16
Rensselaer Manfg. Co., valves and hydrants,	91 45
Franc Ronca, labor,	86 87
North Andover Water Works, pipe,	81 20
Rosetti Vingenzo, labor,	77 68
John Reiley, labor,	56 20
Andrew Hurley, labor,	58 69
Wm. Harnady, teamster,	55 85
Builders' Iron Foundry, specials,	44 07
Lawrence Brun, labor,	39 63
W. F. Rutter & Co., specials,	38 59
Joseph Brun, labor,	35 66
James Minihen, labor,	25 28
Joseph Bourdelais, blasting logs,	10 00
Amount carried forward,	$2500 84

Amount brought forward,	$2500 84	
B. F. Holt, repairs on harness,	10 00	
Smith and Manning, dynamite,	8 96	
Harold L. Bond & Co., jute packing,	8 12	
A. P. Richardson, teaming,	8 50	
Geo. W. Davidson, labor,	7 38	
Dr. J. P. Torrey, attendance,	7 00	
Use of Teams,	25 00	
D. Michilini, procuring laborers,	4 48	
Lawrence Gas Co., coke,	6 25	
Morrison & O'Connell, steel,	2 16	
Dr. C. H. Shattuck, prescriptions,	1 70	
The Sumner & Goodwin Co., valve boxes,	10 41	
Hecla Powder Co., fuzes,	1 69	
Henry McLawlin, pail,	35	
T. A. Holt & Co., oatmeal,	20	
		$2603 04

Credit to Pipe Distribution

Smith & Dove Manfg. Co., pipe and laying,	$397 83	
Estate of S. B. Locke, pipe and laying,	102 40	
L. N. Farnum, pipe,	100 35	
W. F. Rutter & Co., pipe,	82 18	
North Andover Water Works, pipe and specials,	71 39	
Ballard Vale Mills, rock excavation,	28 71	
Various parties, dynamite,	12 18	
Builders' Iron Foundry, rebate,	4 05	
		$799 09

Service Pipe

The Sumner & Goodwin Co., pipe and fittings,	$394 95	
John E. Smith, salary,	168 00	
Amount carried forward,	$562 95	

Amount brought forward,	$562 95	
Geo. E. Hussey, salary,	129 18	
Neptune Meter Co., meters,	210 40	
John Guthrie, foreman,	108 77	
John Schofield, labor,	92 38	
Wm. Harnady, teamster,	76 14	
Chadwick Boston Lead Co., lead pipe,	65 44	
Lotta Celestino, labor,	53 09	
Geo. Guthrie, foreman,	52 01	
Use of teams,	50 00	
The Geo. E. Gilchrist Co., pipe and fittings,	44 36	
The National Meter Co., meters,	42 00	
Frank Maccocia, labor,	35 95	
Andrew Hurley, labor,	29 93	
Franc Ronca, labor,	26 86	
Hardy & Cole, meter boxes,	26 00	
W. F. Rutter, pipe fittings,	23 04	
Boston & Maine R. R. Co., freight,	8 65	
Lead Lined Iron Pipe Co., fittings,	6 24	
Rossetti Vingenzo, labor,	18 28	
E. C. Pike, fittings,	14 40	
John Reiley, labor,	6 03	
Harold L. Bond & Co., steel,	5 60	
American Express Co.,	3 15	
James Minihen, labor,	3 50	
Tuttle's Express,	2 70	
Richards & Co., solder,	1 95	
Wm. Lawson, use of service pipe,	1 50	
Walworth Manfg. Co., fittings,	1 00	
Morrison & O'Connell, rod and wrench,	75	
E. M. & W. A. Allen, acid,	10	
		$1702 35

Credit to Service Pipe.

Various parties, service pipes and meters,	$1667 45	
Chadwick Boston Lead Co., reels returned,	11 61	
		$1679 06

Construction Expenses

John E. Smith, salary,	$150 00	
Geo. I. Rhodes, draughtsman,	148 22	
Fred A. Andrews, rodman,	24 58	
Frost & Adams, paper,	8 63	
Treat Hardware & Supply Co., steel tape,	6 50	
Geo. A. Higging, drawing ink and pencils,	1 40	
Henry McLawlin, chalk,	55	
Eyelet Tool Co., tape rivets,	40	
		$340 28

Credit to Construction Expenses

Survey plans and clerical work on street lines,	$205 69	
		$205 69

Tools

Geo. Saunders, lanterns,	$8 00	
Treat Hardware & Supply Co., small tools,	7 16	
John H. Leonard, hydrant wrench,	5 00	
Smith & Manning, lanterns,	5 00	
W. F. Rutter & Co., dies,	2 90	
A. A. Hunt, pipe wrenches,	2 50	
		$30 56

Water and Land Damages

Hardy Bros., right of way,	$100 00	
A. R. Sanborn, copies of deeds,	1 05	
		$101 05

Office Fixtures

Lawrence Gas Co., gas heater,	$5 10	
		$5 10

Telephone

Geo. E. Pedler,	$2 65	
		$2 65

Summary of Approved Bills

Maintenance,	$7689 19	
Pipe Distribution,	2578 04	
Service Pipe,	1652 35	
Construction Expenses,	340 28	
Water and Land Damages,	101 05	
Tools,	30 56	
Office Fixtures,	5 10	
Telephone,	2 65	
		$12399 22

Cost of Construction

Office Fixtures,	$ 549 00	
Reservoir,	11074 59	
Buildings at Pumping Station,	9433 69	
Coal Shed,	806 97	
Pipe Distribution,	157119 36	
Service Pipe,	13779 00	
Construction Expenses,	7450 16	
Amount carried forward,	$200212 77	

Amount brought forward,	$200212 77	
Suction Pipe,	1309 46	
Grading Land,	1739 12	
Pumping Plant,	26883 37	
Tools,	1912 30	
Teams,	693 65	
Work Shop,	1271 88	
Water and Land Damages,	4294 74	
Telephone,	124 62	
Telemeter,	696 75	
		$239138 66

SEWER DEPARTMENT

House Connections

Portland Stoneware Co., vitrified pipe,	$172 50	
John Guthrie, foreman,	91 99	
The Sumner & Goodwin Co., soil pipe,	69 65	
John E. Smith, salary,	18 00	
Geo. E. Hussey, salary,	60 00	
Harold L. Bond & Co., dynamite,	11 50	
Smith & Manning, cheese cloth,	11 30	
Wm. Harnady, teamster,	50 72	
Boston & Maine R. R. Co., freight,	17 58	
John Schofield, labor,	41 76	
Lotta Celestino, labor,	52 92	
Lawrence Brun, labor,	12 73	
Joseph Brun, labor,	11 82	
Frank Maccocia, labor,	21 56	
Franc Ronca, labor,	22 34	
Rosetti Vingenzo, labor,	23 53	
John Reiley, labor,	12 93	
James Minihen, labor,	10 60	
Thos. Hoey Manfg. Co., soil pipe,	28 00	
H. W. Cunningham, repairing concrete,	21 00	
Water Department, use of teams,	25 00	
Andrew Hurley, labor,	6 28	
John Marooney, labor,	6 03	
John Madden, labor,	4 47	
F. G. Haynes & Co., nails,	3 50	
Geo. W. Davidson, labor,	2 33	
E. C. Pike, fittings,	92	
Geo. Saunders, fittings,	85	
Henry McLawlin, line,	25	
		$812 06

Pump Houses and Pumps

John E. Smith, salary,	$124 00	
Geo. I. Rhodes, draughtsman,	24 00	
Geo. Guthrie,	12 25	
W. F. Rutter & Co., foot valve,	16 12	
Water Department, use of teams,	5 00	
Fred Byrom, brass castings,	3 43	
John Reiley, labor,	3 50	
Wm. Harnady, teamster,	3 58	
John Schofield, labor,	2 73	
Franc Ronca, labor,	2 73	
John Guthrie, foreman,	2 00	
Morrison & O'Connell, iron,	1 45	
Frank Maccocia, labor,	84	
Smith & Dove Manfg. Co., iron castings,	60	
		$202 23

Screen Chamber

John Guthrie, foreman,	$2 00	
John Schofield, labor,	6 67	
Frank Maccocia, labor,	5 87	
Wm. Harnady, teamster,	1 17	
		$15 71

Common Sewers

Portland Stoneware Co., vitrified pipe,	$185 17	
Boston & Maine R. R., freight,	15 00	
L. N. Farnum, cement,	10 00	
		$210 17

Engineering

John E. Smith, salary,	$30 00	
Geo. I. Rhodes, draughtsman,	14 00	
		$44 00

Tools

Treat Hardware & Supply Co., small tools,	$30 36	
John Guthrie,	2 00	
Morrison & O'Connell, steel,	75	
		$33 11

Land Damages

Smith & Manning, right of way,	$44 00	
		$44 00

Summary of Approved Bills

Maintenance,	$785 33	
Common Sewers,	210 17	
House Connections,	812 06	
Pump Houses and Pumps,	202 23	
Engineering,	44 00	
Tools,	33 11	
Screen Chamber,	15 71	
Land Damages,	44 00	
		$2146 61

SUPERINTENDENT'S REPORT

To the Board of Public Works:

During 1903, 2556.8 feet of six inch pipe was laid and five six-inch valves and three hydrants set, as follows:

Estate of S. B. Locke, 299 feet of six-inch pipe, 1 valve.

Avon street to Chestnut, 397 feet of six-inch pipe, 2 valves.

Pine street from Summer, 1584 feet of six-inch pipe, 1 valve, 2 hydrants.

Smith & Dove Manfg. Co., 276.8 feet of six-inch pipe, 1 valve, 1 hydrant.

Total length of main pipe in service, 30.174 miles.

Total number of public hydrants, 219.

Twenty-four applications for service was received and 24 services laid.

Total number of applications to date, 984.

Total number of services in use, 958.

The following list shows number, size, and style of service pipes in use.

	Kind,	Cement Lined.	Lead Lined.	Tarred.	Lead.	Cast-Iron.	Total.
Laid during 1903.	Sizes	¾, 1, 1½ & 2 In.	¾, 1, 1½ & 2 In.	2 & 2½ Inches.	⅝ & 1 Inch.	4 Inch.	
	No. of Services,		22	2			24
	Owned by Town,		484.8	20.7			505.5
	Owned by Individ.		1093.8	1214.0			2307.8
	Total for 1903,		1578.6	1234.7			2813.8
Previously Reported,	No. of Services,	642	274	9	6	3	934
	Length in feet,	47582.3	18611.4	1530.9	817.0	738.2	69279.8
Total Jan. 1904,	No. of Services,	642	296	19	6	3	958
	Length in feet,	47582.3	20190.0	2765.6	817.0	738.2	72093.1

Twenty-four meters were set during the year and 3 discontinued.

Total number of meters in use, 722.

MONTHLY RECORD OF PUMPING SERVICE, 1903

Month.	Days.	Time.	Lift, including friction and suction.	LBS. COAL USED.			Gallons pumped.	DUTY Ft. lbs. with 100 lbs. Coal.		Average daily consumption.
				Pumping.	Banking Starting, Etc.	Total.		By coal used pumping.	By total coal used.	
		H M	ft.							gallons.
January	24	148 20	300	28,500	12,800	41,300	10,984,928	95,604,632	65,998,450	354,352
February	22	138 35	300	24,900	11,900	36,800	10,009,965	100,500,166	68,002,477	357,605
March	21	146 25	300	26,100	12,400	38,500	10,876,853	104,184,415	70,628,916	350,866
April	21	143 00	300	25,500	10,500	36,000	10,969,757	107,547,814	76,179,700	365,658
May	24	167 13	300	29,150	10,800	39,950	12,274,823	105,272,921	76,813,661	395,965
June	22	156 31	300	27,630	10,100	37,730	11,788,900	104,857,944	76,258,216	392,963
July	28	149 47	300	26,410	11,500	37,910	11,665,973	110,431,400	76,932,026	376,322
August	26	152 28	300	24,913	11,700	36,613	11,799,417	118,406,224	80,568,495	380,626
September	28	160 25	300	25,445	11,600	37,045	12,336,946	121,211,888	83,256,485	411,231
October	27	134 53	300	22,470	11,600	34,070	10,449,324	116,258,167	76,675,403	337,075
November	23	127 23	300	25,122	10,830	35,952	9,797,680	97,500,995	68,130,285	326,587
December	26	131 18	300	24,725	11,900	36,625	10,133,955	106,511,173	69,173,752	326,902
Totals	292	1756 18	300	310,865	137,630	448,495	133,085,521	107,025,176	74,184,509	364,618

The raising of the bridge on Stevens street necessitated a change of the six-inch pipe at that point. It was taken off the bridge floor and relaid on the outside girder on the north side of the bridge.

A systematic examination of the main pipes has been made. A number of hidden leaks were discovered and repaired, materially decreasing the consumption of water. Complaints of lack of pressure have been numerous. Every complaint has been investigated. In many cases the trouble has been in the interior pipes and fixtures. Where there has been stoppage in the service pipe, the pipe has been cleaned or a new service put in.

The sills and floor of the coal shed have rotted away and the dumping platform is in a dangerous condition. Temporary repairs at least will be required before any large amount of coal can be put in.

Sewers

There was no call for common sewers during 1903.

Twenty-three applications for house connections were received and 23 connections laid.

Length of connections laid during 1903, 1204 feet.

Total length of house connections in service, 25163 feet.

Total number of applications received, 408.

Total number of connections in service, 390.

The operation of the sewer system has caused very little trouble. Complaints were received early in the year of noise occasioned by the motor pumps on the low level systems. This trouble has been remedied.

The removal of sludge from the settling tank at the filtration area becomes necessary at such short intervals as to fully tax the capacity of the sludge during continued wet weather. The filter beds are ample in area for a long time to come, but the discharging of sludge on them would seriously diminish their capacity and increase the cost of

their maintenance. I therefore recommend that the question of constructing an additional sludge bed receive your consideration.

Respectfully submitted,

JOHN E. SMITH.

ANDOVER, MASS., Feb. 2nd, 1904.